

# AUTHOR INDEX

## Volume 116 (JULY-DECEMBER, 1999)

- Abdallah, Afif, 172  
 Abe, Michio, 206  
 Abman, Steven H., 155  
 Abraham, Edward, 15, 675  
 Abraham, V., 355  
 Abramson, Simeon, 245  
 Abroug, Fekri, 748  
 Addington, Whitney W., 132S, 198S  
 Afessa, Bekele, 456  
 Affrime, Melton B., 369  
 Afzal, Adnan, 909  
 Aggarwal, Ashutosh N., 269, 1837  
 Agnayo, S. M., 925  
 Ahmed, Muhammad, 1365  
 Ailani, Rajesh K., 1100  
 Aitchison, Tom, 1208  
 Akosah, Kwame O., 1587  
 Alam, Hasan B., 1816, 1820  
 Alam, Jawed, 615  
 Alavi, Abass, 1388  
 Albelda, Steven M., 504  
 Albertine, Kurt H., 18S, 101S  
 Albertini, R., 31S  
 Alcasabas, A., 32S  
 Aldrich, Thomas K., 1183  
 Alexander, James A., 1247  
 Alexander, James N., 129S  
 Al-Faifi, Mohamed, 1511  
 Al-Faifi, Salem, 1511  
 Ali, Arshad, 83  
 Alkan, Serhan, 470S  
 Al-Mehdi, A. B., 25S  
 Almirall, Jordi, 375  
 Al-Moamary, Mohamed S., 726  
 Alonso, James A., 1826  
 Alt, Dayse Carneiro, 279  
 Alvarez, Mar, 1839  
 Amis, Terence C., 1846  
 Amsden, Guy W., 115  
 Ancoli-Israel, Sonia, 655, 1545  
 Andersen, P. E., 432  
 Ando, Masayuki, 1251  
 Andrade-Alegre, Rafael, 1838  
 Angel, Luis, 1273  
 Aniemeka, Ndudi, 203S  
 Anzueto, Antonio, 1273  
 Aoki, Tadashi, 139  
 Araújo, Elisabeth, 279  
 Arbulu, Agustín, 1142  
 Armstrong, William F., 1218  
 Arons, Elena, 1000  
 Arroliga, Alejandro C., 187  
 Ashkin, David, 856  
 Asmus, Michael J., 585  
 Atar, Shaul, 1564  
 Atasever, Alev, 1811  
 Atkinson, Dean, 65  
 Atwood, Charles W., Jr., 1503  
 Atwood, J. Edwin, 1442  
 Auble, Thomas E., 1638  
 Austin, Harland, 880  
 Avdi, Natalie J., 54S  
 Ayappa, Indu, 660  
 Bach, David S., 1218  
 Bach, John R., 149S  
 Baier, Claudia, 178S, 204S  
 Baile, Elisabeth M., 1039  
 Bair, R., 100S  
 Baker, James W., 595  
 Baker, Mindy, 693  
 Bakker, Jan, 1695  
 Bakst, Alan E., 1127  
 Balanzó, Xavier, 375  
 Balfé, David, 238  
 Bandla, Hari P. R., 740  
 Banerji, Donald, 1304  
 Banks, Dan, 1780  
 Bansal, Arvind, 587  
 Baraniuk, James, 625  
 Barbur, Edward, 134  
 Bardach, Elat, 1683  
 Bareiss, Pierre, 574  
 Barnard, Joseph W., 33S  
 Barnes, Marion E., 322  
 Barnes, Michael, 697  
 Barnes, Peter J., 1007  
 Barnett, V. Theodore, 253, 572  
 Baron, Michael, 146S  
 Barry, S. C., 363  
 Barst, Robyn J., 847, 914, 1147  
 Bartter, Thaddeus, 1287  
 Bass, Donna, 83  
 Battesti, Jean-Paul, 1194  
 Bauer, A. K., 61S  
 Baum, Gerald L., 614  
 Baydur, Ahmet, 1507  
 Baylor, Peter, 1140  
 Bazot, Marc, 1282  
 Beamis, John F., Jr., 1105  
 Bean, Donald R., 1676  
 Beaucaire, Gilles, 157  
 Beauchet, Alain, 1354  
 Beccaria, Massimiliano, 1163  
 Beck, Kenneth C., 48S, 1377  
 Becker, P., 32S  
 Beckerman, Robert C., 740  
 Bee, Denise, 921  
 Benayoun, Sylvie, 1282  
 Benedict, G. William, 581  
 Benhamou, Daniel, 22  
 Benítez, Ana Bordes, 462  
 Bennett, Richard P., 166  
 Bennett, Susan, 228S  
 Benson, Jane, 880  
 Berar-Yanay, Noa, 931  
 Berger, Marvin, 73  
 Berger, Thomas J., 1550  
 Berger, William E., 625  
 Bernstein, David, 1304  
 Berry, Carolyn A., 224S  
 Berry, Michael, 953  
 Bervoets, Katrien, 248  
 Besbes-Ouanes, Lamia, 748  
 Bessuille, Elaine, 726  
 Betsuyaku, Tomoko, 17S  
 Bhattacharyya, Parthasarathi, 1844  
 Bienvenu, Gary, 760  
 Biernacki, Wojciech, 1007  
 Bigot, Jean Michel, 1282  
 Billstrom, Marcella A., 54S  
 Bishop, Paul W., 1811  
 Bisignani, Giovanni, 78  
 Black, William, 726  
 Blackwell, Ken, 33S  
 Blackwell, T. R., 73S  
 Blackwell, Timothy S., 73S  
 Blanc, Paul D., 1157  
 Blase, Rebecca, 193S  
 Blazar, B. R., 37S  
 Block, A. Jay, 1501  
 Bocage, Jean-Philippe, 1119  
 Bodner, James E., 33S  
 Boisselle, Philip, 30  
 Bolibar, Ignasi, 375  
 Bolliger, Christoph T., 704  
 Bonnet, Reiner, 1313  
 Bonventre, J. V., 89S  
 Boonstra, Piet W., 892  
 Bossi, Grazia, 1163  
 Bossink, Ailko W. J., 380  
 Bossone, Eduardo, 1218  
 Botney, Mitchell D., 1493  
 Boukef, Riadh, 748  
 Bourdarias, Jean-Pierre, 1354  
 Bouros, Demosthenes, 47  
 Boussarsar, Mohamed, 748  
 Bowsher, Barbara, 830  
 Boyle, Thomas, 203S  
 Bradley, Scott, 647  
 Brand, Peter, 543  
 Brandstetter, Robert B., 587  
 Brandstetter, Robert D., 789  
 Brasfield, James, 146S  
 Brass, D., 97S  
 Braun, Thomas, 1503  
 Brauner, Michel, 1194  
 Braunstein, Milton S., 589  
 Brennan, Kathleen, 667  
 Brenner, Matthew, 1608  
 Brewer, Nancy, 134  
 Brichet, Anne, 1665  
 Brock, Tina Penick, 1499  
 Broder, Irvin, 1780  
 Brody, Arnold R., 97S  
 Brooks, Dina, 306  
 Brown, L., 82S, 92S  
 Browning, Jane A., 1325  
 Bruce, Mary D., 203S  
 Brunelli, Alessandro, 848  
 Brunner-La Rocca, Hans P., 861  
 Bryan, Charles L., 1273  
 Bryan, Charles S., 859, 1153  
 Bryan, Nick R., 150  
 Bublil, Mili, 1683  
 Bucala, R., 111S  
 Bucher-Bartelson, Becki, 754  
 Bueno, Raphael, 835, 444S, 480S, 523S  
 Buettner, Garry R., 484  
 Buist, A. Sonia, 1297  
 Burdick, Marie D., 93S  
 Burger, René, 682  
 Burke, Gregory L., 150  
 Burton, D., 68S  
 Burton, William, 104  
 Busch, Aaron G., 198S  
 Bush, David A., 1313  
 Busse, William W., 595  
 Butler, Sara L. Osborn, 322  
 Büttiker, Vera, 682  
 Buurman, Wim, 1233

# AUTHOR INDEX

## Volume 116 (JULY-DECEMBER, 1999)

- Abdallah, Afif, 172  
 Abe, Michio, 206  
 Abman, Steven H., 155  
 Abraham, Edward, 15, 675  
 Abraham, V., 355  
 Abramson, Simeon, 245  
 Abroug, Fekri, 748  
 Addington, Whitney W., 132S, 198S  
 Afessa, Bekele, 456  
 Affrime, Melton B., 369  
 Afzal, Adnan, 909  
 Aggarwal, Ashutosh N., 269, 1837  
 Agnayo, S. M., 925  
 Ahmed, Muhammad, 1365  
 Ailani, Rajesh K., 1100  
 Aitchison, Tom, 1208  
 Akosah, Kwame O., 1587  
 Alam, Hasan B., 1816, 1820  
 Alam, Jawed, 615  
 Alavi, Abass, 1388  
 Albelda, Steven M., 504  
 Albertine, Kurt H., 18S, 101S  
 Albertini, R., 31S  
 Alcasabas, A., 32S  
 Aldrich, Thomas K., 1183  
 Alexander, James A., 1247  
 Alexander, James N., 129S  
 Al-Faifi, Mohamed, 1511  
 Al-Faifi, Salem, 1511  
 Ali, Arshad, 83  
 Alkan, Serhan, 470S  
 Al-Mehdi, A. B., 25S  
 Almirall, Jordi, 375  
 Al-Moamary, Mohamed S., 726  
 Alonso, James A., 1826  
 Alt, Dayse Carneiro, 279  
 Alvarez, Mar, 1839  
 Amis, Terence C., 1846  
 Amsden, Guy W., 115  
 Ancoli-Israel, Sonia, 655, 1545  
 Andersen, P. E., 432  
 Ando, Masayuki, 1251  
 Andrade-Alegre, Rafael, 1838  
 Angel, Luis, 1273  
 Aniemeka, Ndudi, 203S  
 Anzueto, Antonio, 1273  
 Aoki, Tadashi, 139  
 Araújo, Elisabeth, 279  
 Arbulu, Agustín, 1142  
 Armstrong, William F., 1218  
 Arons, Elena, 1000  
 Arroliga, Alejandro C., 187  
 Ashkin, David, 856  
 Asmus, Michael J., 585  
 Atar, Shaul, 1564  
 Atasever, Alev, 1811  
 Atkinson, Dean, 65  
 Atwood, Charles W., Jr., 1503  
 Atwood, J. Edwin, 1442  
 Auble, Thomas E., 1638  
 Austin, Harland, 880  
 Avdi, Natalie J., 54S  
 Ayappa, Indu, 660  
 Bach, David S., 1218  
 Bach, John R., 149S  
 Baier, Claudia, 178S, 204S  
 Baile, Elisabeth M., 1039  
 Bair, R., 100S  
 Baker, James W., 595  
 Baker, Mindy, 693  
 Bakker, Jan, 1695  
 Bakst, Alan E., 1127  
 Balanzó, Xavier, 375  
 Balfé, David, 238  
 Bandla, Hari P. R., 740  
 Banerji, Donald, 1304  
 Banks, Dan, 1780  
 Bansal, Arvind, 587  
 Baraniuk, James, 625  
 Barbur, Edward, 134  
 Bardach, Elat, 1683  
 Bareiss, Pierre, 574  
 Barnard, Joseph W., 33S  
 Barnes, Marion E., 322  
 Barnes, Michael, 697  
 Barnes, Peter J., 1007  
 Barnett, V. Theodore, 253, 572  
 Baron, Michael, 146S  
 Barry, S. C., 363  
 Barst, Robyn J., 847, 914, 1147  
 Bartter, Thaddeus, 1287  
 Bass, Donna, 83  
 Battesti, Jean-Paul, 1194  
 Bauer, A. K., 61S  
 Baum, Gerald L., 614  
 Baydur, Ahmet, 1507  
 Baylor, Peter, 1140  
 Bazot, Marc, 1282  
 Beamis, John F., Jr., 1105  
 Bean, Donald R., 1676  
 Beaucaire, Gilles, 157  
 Beauchet, Alain, 1354  
 Beccaria, Massimiliano, 1163  
 Beck, Kenneth C., 48S, 1377  
 Becker, P., 32S  
 Beckerman, Robert C., 740  
 Bee, Denise, 921  
 Benayoun, Sylvie, 1282  
 Benedict, G. William, 581  
 Benhamou, Daniel, 22  
 Benítez, Ana Bordes, 462  
 Bennett, Richard P., 166  
 Bennett, Susan, 228S  
 Benson, Jane, 880  
 Berar-Yanay, Noa, 931  
 Berger, Marvin, 73  
 Berger, Thomas J., 1550  
 Berger, William E., 625  
 Bernstein, David, 1304  
 Berry, Carolyn A., 224S  
 Berry, Michael, 953  
 Bervoets, Katrien, 248  
 Besbes-Ouanes, Lamia, 748  
 Bessuille, Elaine, 726  
 Betsuyaku, Tomoko, 17S  
 Bhattacharyya, Parthasarathi, 1844  
 Bienvenu, Gary, 760  
 Biernacki, Wojciech, 1007  
 Bigot, Jean Michel, 1282  
 Billstrom, Marcella A., 54S  
 Bishop, Paul W., 1811  
 Bisignani, Giovanni, 78  
 Black, William, 726  
 Blackwell, Ken, 33S  
 Blackwell, T. R., 73S  
 Blackwell, Timothy S., 73S  
 Blanc, Paul D., 1157  
 Blase, Rebecca, 193S  
 Blazar, B. R., 37S  
 Block, A. Jay, 1501  
 Bocage, Jean-Philippe, 1119  
 Bodner, James E., 33S  
 Boisselle, Philip, 30  
 Bolibar, Ignasi, 375  
 Bolliger, Christoph T., 704  
 Bonnet, Reiner, 1313  
 Bonventre, J. V., 89S  
 Boonstra, Piet W., 892  
 Bossi, Grazia, 1163  
 Bossink, Ailko W. J., 380  
 Bossone, Eduardo, 1218  
 Botney, Mitchell D., 1493  
 Boukef, Riadh, 748  
 Bourdarias, Jean-Pierre, 1354  
 Bouros, Demosthenes, 47  
 Boussarsar, Mohamed, 748  
 Bowsher, Barbara, 830  
 Boyle, Thomas, 203S  
 Bradley, Scott, 647  
 Brand, Peter, 543  
 Brandstetter, Robert B., 587  
 Brandstetter, Robert D., 789  
 Brasfield, James, 146S  
 Brass, D., 97S  
 Braun, Thomas, 1503  
 Brauner, Michel, 1194  
 Braunstein, Milton S., 589  
 Brennan, Kathleen, 667  
 Brenner, Matthew, 1608  
 Brewer, Nancy, 134  
 Brichet, Anne, 1665  
 Brock, Tina Penick, 1499  
 Broder, Irvin, 1780  
 Brody, Arnold R., 97S  
 Brooks, Dina, 306  
 Brown, L., 82S, 92S  
 Browning, Jane A., 1325  
 Bruce, Mary D., 203S  
 Brunelli, Alessandro, 848  
 Brunner-La Rocca, Hans P., 861  
 Bryan, Charles L., 1273  
 Bryan, Charles S., 859, 1153  
 Bryan, Nick R., 150  
 Bublil, Mili, 1683  
 Bucala, R., 111S  
 Bucher-Bartelson, Becki, 754  
 Bueno, Raphael, 83S, 444S, 480S, 523S  
 Buettner, Garry R., 484  
 Buist, A. Sonia, 1297  
 Burdick, Marie D., 93S  
 Burger, René, 682  
 Burke, Gregory L., 150  
 Burton, D., 68S  
 Burton, William, 104  
 Busch, Aaron G., 198S  
 Bush, David A., 1313  
 Busse, William W., 595  
 Butler, Sara L. Osborn, 322  
 Büttiker, Vera, 682  
 Buurman, Wim, 1233

- Cabelus, Laura J., 115  
 Caccavale, Robert J., 1119  
 Cadranet, Jacques, 1282  
 Caldwell, Ellen, 98S, 1347  
 Calhoun, William J., 1638  
 Callahan, Charles W., 830  
 Camhi, Sharon L., 61S  
 Caminal, Pere, 633  
 Campbell, J., 28S  
 Campbell, Preston W., III, 77S  
 Carbone, Michele, 455S, 470S  
 Cardeñosa Cendrero, José Antonio, 462  
 Carel, Rafael S., 1139  
 Carere, Ronald G., 1039  
 Carrette, Marie France, 1282  
 Carman, Teresa L., 1492  
 Carretta, Giovanni, 848  
 Carter, Edward, 1494  
 Carton, Matthieu, 1537  
 Carveth, Holly J., 18S  
 Case, Douglas, 1558  
 Cassel, Marlene, 107  
 Castagnaro, Antonio, 941  
 Castro, David Jiménez, 399  
 Casty, Frank E., 6S  
 Catalán, Javier Noguera, 462  
 Catrambone, Cathy, 196S  
 Cayen, Mitchell N., 369  
 Ceneviva, Reginaldo, 837  
 Cerveri, Isa, 1163  
 Cesare, Rusconi, 808  
 Chambless, Lloyd E., 150  
 Chan, E. C., 91S  
 Chan, Joseph K. W., 1530  
 Chan, Kwan-Leung, 27S  
 Chan, Linda S., 440  
 Chan, Veronica L., 149S  
 Chang, Jacqueline A., 117S  
 Chang, Liang-Che, 1292  
 Chang, Shi-Chuan, 58S, 1292, 1794  
 Chaowalit, Paricha, 97  
 Chatkin, Jose M., 1780  
 Chaudhary, Mohommad, 203S  
 Cheek, Gregory A., 1313  
 Chen, C.-L., 73S  
 Chen, Yi-Chu, 1292  
 Cheng, Dong-sheng, 760  
 Cheng, Tsung O., 1833  
 Cherapanov, Vera, 46S  
 Cherian, Sunjay S., 1240  
 Chern, Jia-Haur, 583  
 Cherrig, Wen-Jin, 1224  
 Cherri, Jesualdo, 837  
 Chetta, Alfredo, 941  
 Childs, James M., 984  
 Chin, Beek Yoke, 61S  
 Chin, Weng S., 1131  
 Chiu, Josephine, 1564  
 Chodosh, Sanford, 6  
 Choi, Augustine M. K., 61S  
 Choy, Dominic K. L., 1530  
 Christensen, Paul J., 1601  
 Christie, Jim, 120S  
 Christie, Robert J., 1012  
 Christman, J. W., 73S  
 Christoffel, Katherine Kaufer, 210S  
 Chu, Chung-Ming, 149S  
 Churchyard, Gavin A., 974  
 Ciaglia, Pasquale, 1138  
 Cicero, Raúl, 58S  
 Clapp, William, 200S  
 Clardy, Nancy, 1019  
 Clark, J. G., 36S  
 Clausen, Jack L., 65S, 1762  
 Clerici, Christine, 1194  
 Cochrane, Charles G., 85S  
 Cockcroft, Donald W., 1497  
 Coffinier, Cécile, 157  
 Cohen, Mark, 1063  
 Cohen, Yael, 1570  
 Cohn, William E., 68S  
 Colin, Andrew A., 639  
 Collop, Nancy A., 1496  
 Colpaert, Cecile G., 1473  
 Colt, Henri G., 134, 819, 1409, 1762  
 Comellas, A., 29S  
 Concia, Ercole, 84S  
 Conner, Edward R., 83S  
 Conraads, Viviane M., 1473  
 Conte, John V., 564  
 Contreras, Alicia, 216S  
 Conway, Terrence, 228S  
 Cooper, Sheila, 1762  
 Coosemans, Willy, 463S  
 Coover, Lenore, 190S, 193S, 216S, 224S  
 Cornwell, Edward E., III, 440  
 Corpataux, Jean Marc, 1471  
 Corsico, Angelo, 1163  
 Corwin, Howard L., 1149  
 Coutie, Wendy J. R., 93S  
 Cozzi, Phillip J., 1159  
 Creamer, Kevin M., 16S, 26S, 34S  
 Cremona, George, 921  
 Criner, Gerard J., 30, 667  
 Crowther, Mark A., 1240  
 Cruz, María-Jesús, 946  
 Cullen, Mark R., 1139  
 Cummings, C., 111S  
 Curtis, J. Randall, 117S  
 Curtis, Jeffrey L., 1601  
 Curtis, Luke, 216S  
 Cutaia, Michael, 314  
 Cuvelier, Antoine, 22  
 Czernichow, Pierre, 22  
 daBalos, Deborah, 200S  
 Dagenbach, Dale, 953  
 Dahlén, Inger, 162S  
 Dainauskas, John, 566  
 Dalal, Prateek, 73  
 Dales, Robert E., 792  
 Daley, Richard M., 131S  
 D'Alonzo, Gilbert E., 1550  
 Dalquen, Peter, 704  
 Dalton, Heidi J., 260  
 Dambara, Takashi, 1320  
 Danter, Wayne, 409  
 Dargie, Henry, 120S  
 Das, K. C., 101S  
 Dasgupta, Asok, 447, 1669  
 Datseris, George E., 1489  
 Daugherty, Steven R., 145S, 178S, 204S  
 Davidovich, Avi, 931  
 Davidson, Paul, 1820  
 Davis, Beth E., 1497  
 Davis, D., 98S  
 Davis, Robert D., 46S, 127  
 de Gracia, Javier, 946  
 De Leyn, Paul, 463S  
 De Luca, G., 31S  
 De Paep, Rudi J., 1473  
 de Vries, Peter M. J. M., 169S  
 Deal, Leonard E., 1676  
 Dean, Norman L., 841  
 Dean, V.S., 267  
 Dearani, Joseph A., 322  
 Deb, Subrato, 1461  
 DeBolt, K., 35S  
 DeCamp, Malcolm M., Jr., 466S  
 Decker, George, 463S  
 Dedhar, Shoukat, 46S  
 Deftos, L., 68S  
 Degenne, Danielle, 71S  
 DeHaven, Bryan, 102S  
 Dellaripa, Paul F., 110S  
 Demedts, Maurits G., 59  
 Demetriades, Demetrios, 440  
 Demirel, Yavuz, 1582  
 Dempsey, Owen J., 93S  
 Denault, André Y., 176  
 Deneault, Lee G., 176  
 Deneffe, George, 463S  
 Denlinger, Bethany, 1587  
 Dentener, Mieke, 1233  
 Desurmont, Sophie, 166S  
 Devillé, Walter L., 676  
 Devos, Patrick, 157  
 Dhala, Atheya, 1183  
 Dhillion, Samjot Singh, 148S  
 Dhond, Milind R., 1116  
 Di Resta, Ilaria, 470S  
 Díaz, Gema, 399  
 DiGiovine, Bruno, 1100  
 Dillard, Thomas A., 257  
 Dilley, Anne, 880  
 Dimsdale, Joel E., 65S, 154S  
 Ding, Hueisch-Jy, 709  
 Diot, Elisabeth, 71S  
 Diot, Patrice, 71S  
 D'Ippolito, Raffaele, 941  
 Dixon, Anne E., 36S  
 Dobbs, L. G., 35S, 61S  
 Dobs, Adrian S., 581  
 Dodd-o, Jeffrey M., 55S  
 Doe, Nathaniel, 148S  
 Doerschuk, Claire M., 37S  
 Doherty, Dennis E., 34S  
 Dominguez, Francisco, 181S  
 Dong, Qin, 46S  
 Donnelly, S. C., 111S  
 Donohue, James F., 1137, 1138  
 Dougherty, William R., 440  
 Douketis, James D., 1240  
 Downey, Gregory P., 46S  
 Dox, Hector, 887  
 Doyle, Ramona L., 222, 1369  
 Dresler, Carolyn M., 266  
 Dublin, Margaret, 193S, 198S  
 Dubois, Denis, 126S  
 Dueck, Ron, 1762  
 Duhon, G. F., 97S  
 Dumasius, Vidas, 24S  
 Dunbar, Richard D., 1313  
 Dunn, Irène, 95S  
 Dupont, Lieven J., 59  
 Dusmet, Michael, 1471  
 D'yachkova, Yulia, 1039  
 Dylewski, Joe S., 974  
 Eaton, Tam, 416  
 Eber, Ernst, 301  
 Eckenfels, Edward J., 178S, 204S  
 Edenfield, W. Jeffery, 1012  
 Edwards, Lisa D., 62S  
 Effros, R. M., 30S  
 Eghbali, Kourosh, 887  
 Ehrhart, Ina C., 16S, 26S, 34S  
 Eid, Nemr, 52  
 Eigenbrodt, Marsha L., 150  
 Einarsson, O., 8S, 26S

- Eisen, Howard J., 1550  
 Elatrous, Souheil, 748  
 Elbek, Osman, 391  
 Elias, Anthony, 531S  
 Elias, J. A., 8S, 26S  
 Elle, B., 432  
 El-Solli, Ali A., 968  
 Elwood, R. Kevin, 726  
 Emerman, Charles L., 166, 586  
 Emmett, Amanda, 595  
 Emmons, Karen M., 490S  
 Emura, Iwao, 139  
 Engoren, Milo, 1029  
 Enright, Paul L., 603  
 Epstein, Donald, 1100  
 Epstein, Scott K., 732  
 Erasmus, Jeremy J., 557  
 Erb, Tara A., 346  
 Ernst, Edzard, 582  
 Ertas, Fatih, 1582  
 Erzurum, Serpil, 814  
 Escudero, Joe, 440  
 Esmailian, Fardad, 887  
 Esmore, Donald S., 874  
 Espinosa, Cristina, 40  
 Essen, Susanna Von, 1452  
 Etnier, Jennifer, 953  
 Evans, Richard, III, 210S  
 Evatt, Bruce L., 880
- Factor, Phillip, 24S  
 Fagan, Susan M., 275  
 Fairman, R. Paul, 564  
 Fallon, Joseph J., Jr., 1733  
 Famiglietti, Angela, 1075  
 Fanconi, Sergio, 682  
 Farah, Maher, 1113  
 Farmer, Donna R., 1139  
 Farrell, M., 557  
 Farver, Carol, 814  
 Faul, John L., 222, 825  
 Faust-Chan, Rosa, 102S  
 Fearon, William F., 1442  
 Feeney, Mary Beth, 200S  
 Feldman, Charles, 107  
 Feldman, Seth, 200S  
 Feldmeyer, Frank, 991  
 Ferguson, Cynthia M., 1442  
 Ferguson, Kathleen A., 409  
 Fernandez, Bernardo B., 1492  
 Fernández, Javier Arroyo, 462  
 Fernández-Laso, Enrique, 40  
 Fianchini, Aroldo, 84S  
 Fiddian-Green, Richard G., 1839  
 Field, Stephen K., 766, 843  
 Fincher, Roger K., 1480  
 Finger, David R., 1480  
 Fink, Gershon, 614  
 Fink, James B., 190S, 195S  
 Fink, Mitchell P., 1841  
 Finkelstein, Stanley M., 120  
 Fischel, Richard, 160S  
 Fish, Douglas N., 984  
 Fisher, A. B., 25S  
 Fisher, Lyle E., 16S, 26S  
 Fisher, Richard L., 470S  
 Fisher, Susan G., 470S  
 FitzGerald, M. X., 363  
 Fitzpatrick, Thomas M., 1012  
 Fiz, José Antonio, 633  
 Fletcher, Eugene C., 136S  
 Flores, Sonia C., 102S  
 Foggs, Michael B., 173S
- Folkesson, Hans G., 98S  
 Follath, Ferenc, 861  
 Fonseca, Peter, 1461  
 Force, T., 89S  
 Ford, Jon E., 1139  
 Foresi, Antonio, 941  
 Foresti, Valeriano, 846  
 Forrester, James S., 1564  
 Forster, Terrence J., 65  
 Fourme, Thierry, 1354  
 Francovic, Tanya, 409  
 Fransen, Erik, 1233  
 Freeman, William K., 322  
 Frevert, C., 111S  
 Frey, Bernhard, 1491  
 Friedberg, Joseph S., 497S  
 Froelicher, Victor F., 1442  
 Fryzek, Jon, 1452  
 Fujii, Tadashige, 1129  
 Fujino, Shozo, 899  
 Fukuchi, Yoshinosuke, 17, 1320  
 Fukumoto, Manabu, 263  
 Fulgoni, Paola, 1163  
 Fulwood, Robinson, 235S  
 Funatsu, Kazuhiro, 1843  
 Furukawa, Clifton, 65  
 Furukawa, Satoshi, 30
- Gage, Brian F., 1493  
 Gaine, Sean P., 564, 1127  
 Galan, Henry, 15S  
 Gallagher, C. G., 363  
 Gallego, Miguel, 40  
 Gao, B., 61S  
 Garcia, Lawrence A., 484  
 Garcia, Myrna, 193S  
 Garlick, Sarah R., 1646  
 Garofano, Robert, 914  
 Garrett, Jeffrey E., 416  
 Gasior, Thomas A., 176  
 Gastal, Otávio Leite, 279  
 Gautrin, Denyse, 1659  
 Gay, Peter C., 1496, 1843  
 Gaynor, James W., 127  
 Geffer, Warren B., 138S  
 Gelb, Arthur F., 160S  
 Gelfand, Erwin W., 268  
 Gelfand, Gary A. J., 766  
 Geller, David E., 639  
 George, Charles F. P., 409  
 Georges, Hughes, 157  
 Georgiani, Giovanna, 1163  
 Geraci, M. W., 61S  
 Gerbase, Margaret W., 126S  
 Germain, Philippe, 574  
 Ghosh, A., 88S  
 Giannini, Daniele, 1497  
 Gick, Gregory, 87S  
 Gilkeson, Robert C., 245  
 Gill, Edward A., 18S  
 Ginzburg, Alan S., 572  
 Girard, Philippe, 903  
 Giraudeau, Bruno, 715  
 Girod, C. E., 61S  
 Glass, Mary C., 93S  
 Glatstein, Eli, 539  
 Glatthaar, Michael, 107  
 Godwin, J. David, 116S  
 Goeddel, David V., 69S  
 Goker, Erdem, 1811  
 Goldsmith, Linda Jane, 52  
 Goldstein, Andrew, 1183  
 Goldstein, Daniel A., 1139
- Goldstein, Marc F., 1733  
 Goldstein, Roger S., 306  
 González, Carlos A., 375  
 Gonzalez, R., 35S  
 Goodman, R., 111S  
 Goossens, Anita, 248  
 Goresan, John, III, 176  
 Gordon, Karyn K., 210S  
 Gottlieb, Daniel J., 603  
 Gozal, David, 740  
 Graci, Danielle M., 115  
 Grandjean, Jan G., 892  
 Grant, Brydon J. B., 968  
 Grant, Evalyn N., 141S, 145S, 154S, 162S, 167S, 173S, 178S, 183S, 193S, 204S  
 Grant, I. S., 111S  
 Grant, Stan, 120S  
 Granton, John, 1347  
 Graver, Michael, 1809  
 Grbach, Vincent X., 1676  
 Greco, Francesco, 78  
 Greene, Andrew B., Jr., 203S, 206S  
 Greene, K. E., 90S  
 Greene, Michael A., 1247  
 Greinert, Ulf, 1814  
 Greve, Jan Willem M., 1145  
 Grey, Vijaylaxmi, 201  
 Griffiths, Anne P., 874  
 Grissom, Colin K., 18S  
 Groeneveld, A. B. Johan, 380, 169S  
 Grondin, Sean C., 450S  
 Gronski, T., Jr., 28S  
 Grosbois, Jean-Marie, 166S  
 Gross, Gary N., 841, 1304  
 Gruber, Wilfried, 301  
 Gu, Y. John, 892  
 Guerrero, C., 29S, 88S  
 Guery, Benoit, 157  
 Guidot, David, 82S, 97S  
 Guilmot, Jean-Louis, 715  
 Gülec, Sadi, 1582  
 Guo, X.-L., 101S  
 Gupta, Dheeraj, 1837  
 Gupta, Rakesh M., 1843  
 Guzzo, Domenico, 78
- Haahtela, Tari, 424  
 Hack, C. Erik, 380  
 Hackman, R. C., 36S  
 Hackner, Dani, 1046  
 Haddad, Imad Y., 37S, 100S  
 Hader, Raymond, 35S  
 Hagberg, Lars, 974  
 Hagood, J. S., 118S  
 Hajiro, Takashi, 1632  
 Hales, C. A., 89S  
 Halkic, Nermine, 1471  
 Hall, Adrian, 35S  
 Hall, Andrew J., 1716  
 Hall, Jesse B., 1159  
 Halpern, Neil A., 1092  
 Hampson, Neil B., 586  
 Hanagiri, Takeshi, 144  
 Hanaoka, Jun, 899  
 Hanaoka, Masayuki, 1129  
 Hancock, E. William, 243  
 Hankinson, John L., 276  
 Haponik, Edward F., 155S  
 Haraden, Brennan M., 1493  
 Harding, Susan M., 854  
 Harning, Ronald, 1733  
 Hart, Robert W., 403  
 Hartert, Tina V., 1492



- Hasegawa, Seiki, 263  
 Haslett, C., 111S  
 Hastings, Randolph H., 68S  
 Hatzell, W., 31S  
 Haupt, Marilyn T., 857  
 Hauser, Gabriel J., 260  
 Häubinger, Karl, 543  
 Hayabuchi, Naofumi, 1843  
 Hayasaka, Muneharu, 477  
 Hayashi, Jun-ichi, 139  
 Hayes, Sharonne N., 322  
 Hebert, Paul, 792  
 Hecht, Susan, 73  
 Heffner, John E., 1786, 1834  
 Heidenreich, Paul, 1442  
 Heinecke, J., 100S  
 Heiss, Gerardo, 150  
 Heit, John A., 844  
 Hejmanowski, Linda G., 115  
 Helton, E., 100S  
 Hendeles, Leslie, 585  
 Henderson, Esther, 1208  
 Henson, Donald Earl, 697  
 Henson, Peter M., 54S  
 Herer, Bertrand, 1537  
 Hernandez, Eva, 216S  
 Hernandez-Thomas, Eva, 190S  
 Herrod, Pat, 200S  
 Hertz, Marshall I., 120  
 Hertzog, James H., 260  
 Heyder, Joachim, 543  
 Hicks, D. J., 73S  
 Hietanen, Eino K., 1257  
 Higenbottam, Timothy, 921  
 Higgins, Millicent, 150  
 Hiroe, Michiaki, 868  
 Hirshberg, Boaz, 1683  
 Ho, Alice S. S., 1530  
 Ho, Anthony M.-H., 234  
 Ho, Wan-Jing, 1133  
 Ho, Yung-Jen, 709  
 Hoffer, Eric, 255  
 Hoffstein, Victor, 1511  
 Hogans, Lamont, 456  
 Hogg, James C., 43S  
 Hoidal, John R., 18S, 56S  
 Holguin, F., 82S  
 Hollender, Elena S., 856  
 Homer, R., 8S  
 Homnick, Douglas N., 271  
 Honda, Takayuki, 477  
 Hooper, W. Craig, 880  
 Hopkins, Robert L., 740  
 Horn, Evelyn M., 847  
 Horowitz, Stuart, 64S  
 Horton, M. R., 17S  
 Hosaka, Yukio, 88  
 Howell, Laura, 52  
 Hoyle, G., 97S  
 Hsiao, Chiu-Bin, 968  
 Hsieh, Jih-Fang, 709  
 Hsu, L., 92S  
 Hu, Tzy-Chyn, 228S  
 Hua, Chung-Ching, 1292  
 Huang, Hsiu-ling, 909  
 Hubmayr, R. D., 28S  
 Huchon, Gérard, 1537  
 Hudson, L. D., 9S, 97S, 98S  
 Hudson, Leonard D., 74S, 1347  
 Huecksteadt, T., 56S  
 Hui, David S. C., 1530  
 Hung, Dong-Zong, 709  
 Hung, Ming-Jui, 1224  
 Hung, Szu-Chun, 1794  
 Hutchison, Joseph L., 484  
 Hybertson, Brooks, 102S  
 Hyzy, Robert, 585  
 Iannetoni, Mark D., 1601  
 Ibrahim, Youssef, 172  
 Ibrahimbacha, Ahmed, 1113  
 Ichinose, Masutaro, 899  
 Ikeda, Akihiko, 1632  
 Ikegami, M., 61S  
 Imaizumi, Tada-atsu, 18S  
 Infante-Rivard, Claire, 1659  
 Ingbar, David H., 37S, 87S, 94S, 100S  
 Inoue, Ken-ichiro, 581  
 Inoue, Shuhei, 899  
 Inoue, Takehiro, 1360  
 Inui, Kenji, 263  
 Invernizzi, Giovanni, 1007  
 Inzucchi, Silvio E., 1483  
 Iqbal, Farrukh, 1616  
 Iqbal, Mubeen, 1809  
 Ishida, Yoshio, 1575  
 Ishii, Takeo, 17  
 Ishikawa, Hiroichi, 582  
 Ishioka, Shinichi, 847  
 Ito, Eiichi, 88  
 Ito, Masahiro, 88  
 Izquierdo, José, 633  
 Izumi, Takateru, 1632  
 Jackson, Carolyn L., 203S  
 Jackson, Robert M., 100S  
 Jacobs, E. R., 30S  
 Jacobsen, Gordon, 1100  
 Jacobsen, J. P., 432  
 Jaklitsch, Michael T., 466S, 480S, 523S  
 Jaleddine, Ghassan, 172  
 Jané, Raimon, 633  
 Janson, Christer, 1625  
 Janus, Denise, 1183  
 Jardin, François, 1354  
 Jayr, Christian, 98S  
 Jenkins, Paul L., 346  
 Jennings, S. Gregory, 1278  
 Jensen, William A., 1475  
 Jindal, Surinder K., 1837  
 Jo, Estrellita T. Velez, 803  
 Johns, David, 647  
 Johnson, Bruce D., 48S, 1377  
 Johnson, David H., 525S  
 Johnson, Gary L., 54S  
 Johnson, Glenn, 1139  
 Johnson, John, 1478  
 Johnson, Jonas T., 1503  
 Johnson, Malcolm, 1138  
 Johnson, Marty, 625  
 Johnson, Robert G., 688  
 Johnston, R., 8S  
 Johnston, Rebecca, 953  
 Jones, Carol B., 1842  
 Joseph, P. M., 89S  
 Jubran, Amal, 1416  
 Judson, John, 1492  
 Judson, Marc A., 1798  
 Jung, P., 100S  
 Juniper, Elizabeth F., 1297  
 Kafatos, Antony, 47  
 Kagawa, Frank T., 1475  
 Kairaitis, Kristina, 1646  
 Kaiser, Larry R., 504, 539  
 Kaka, Suleiman, 107  
 Kalberg, Christopher, 595  
 Kallet, Richard H., 1826  
 Kamakari, Kunihiko, 263  
 Kamath, Anant, 33S  
 Kane, Robert E., 1304  
 Kaneko, D., 67S  
 Kano, Hiroshi, 868  
 Kao, Chia-Hung, 709  
 Kao, Peter N., 222  
 Kapelanski, David, 1762  
 Kaplowitz, Haley, 639  
 Karaoguz, Remzi, 1582  
 Karmy-Jones, Riyad, 255  
 Kass, Jonathan E., 296  
 Katz, Ido, 614  
 Kawakami, Yoshikazu, 1653  
 Kawane, Hiroshi, 1493  
 Kays, David, 1247  
 Kazerooni, Ella A., 1601  
 Keane, Michael P., 93S, 103S  
 Kearon, Clive B., 1240  
 Kee, Stephen T., 825  
 Keens, Thomas G., 721  
 Kelly, Kelly J., 1183  
 Kemp, James P., 595  
 Kerber, Richard E., 484  
 Kerr, L. D., 73S  
 Keshavjee, S. H., 46S  
 Kessler, Kenneth M., 1772  
 Kesten, Steven, 566  
 Khan, Saeed U., 187  
 Khan, Shamim A., 549  
 Kharitonov, Sergei A., 1007  
 Khatib, Mohamad, 172  
 Khurshid, Abid, 253, 572  
 Kiljander, Toni O., 1257  
 Killoren, Travis, 120  
 Kim, Dong S., 1032  
 Kim, H. J., 94S  
 Kim, Won D., 1032  
 Kim, Woo S., 1032  
 Kinoshita, Manabu, 1709  
 Kinsella, John P., 15S  
 Kiowski, Wolfgang, 861  
 Kirby, Simon D., 409  
 Kirsch, Carl M., 1475  
 Kirton, Orlando, 1025  
 Kitagawa, Yuko, 43S  
 Kitayama, Hitoshi, 1360  
 Kjeldsen, Anette Drøhse, 432  
 Klepetko, Walter, 1593  
 Kline, Jeffrey A., 1325  
 Klugman, Keith P., 107  
 Knauf, Daniel G., 1247  
 Knickelbein, R. G., 8S  
 Kobayashi, Toshio, 1129  
 Koh, Younsuck, 1032  
 Kohlhauf, Martin, 543  
 Kohno, Shigeru, 252  
 Koike, Akira, 868  
 Koizumi, Naoya, 139  
 Koizumi, Tomonobu, 1129  
 Kollef, Martin H., 1339  
 Kolsuz, Mustafa, 391  
 Kondo, Masanori, 340  
 Kontani, Keiichi, 899  
 Kopecky, Linda, 200S  
 Kotoura, Yoshihiko, 263  
 Koval, Michael, 35S  
 Kowalski, Christopher, 1816  
 Koyama, Yoshiharu, 868  
 Krachman, Samuel L., 1550  
 Kradin, Richard, 90S  
 Kramer, Mordechai R., 1683

- Kramer, Violeta G., 201  
 Kreimer, Diane, 667  
 Kruger, Joshua, 46S  
 Krumpke, Peter, 369  
 Kubo, Hiroshi, 37S  
 Kubo, Keishi, 477, 1129  
 Kumasaka, Toshio, 37S  
 Kunkel, Steven L., 103S  
 Kunst, Peter W. A., 169S  
 Kuo, Chih-Wei, 112S  
 Kuo, Chi-Tai, 1133  
 Kurdowska, A., 9S  
 Kurtz, Terry, 693  
 Kvale, Paul A., 521  
 Kyotani, Shingo, 157S
- Lacasse, Yves, 306  
 Lahrmann, Heinz, 1593  
 Lai, Christopher K. W., 1530  
 Laks, Hillel, 887  
 Lally, Cathy, 880  
 Lamar, Verna, 150  
 Lamote, Jan, 248  
 Lancaster, L. H., 73S  
 Lando, Yaroslav, 30  
 Landow, Laurence, 589  
 Lands, Larry C., 201  
 Langevin, Paul B., 1140  
 Langham, Max, 1247  
 Lanzafame, Massimiliano, 848  
 Lapiere, Jean-Guy, 1659  
 Lappalainen, Urpo, 760  
 Larrea, Jose L., 1818  
 Laslett, Lawrence J., 1116  
 Laube, Beth L., 581  
 Laude, Elizabeth, 921  
 Lavergne, Franck, 1194  
 Lavie, Carl J., 83  
 Lavie, Peretz, 1501  
 Lavine, Steven J., 1  
 Lawrence, Cindy M., 127  
 Lazzarini, Luca, 848  
 LeBailey, Susan, 210S  
 Lebowitz, Michael D., 603  
 Lecuona, E., 29S, 88S  
 Ledbetter, Daniel, 1247  
 Lee, Alistair, 471  
 Lee, Christine A., 25S  
 Lee, Patty J., 61S  
 Lee, Sang D., 1032  
 Lee, Yu-Chin, 583, 112S, 1131  
 Lemarié, Etienne, 71S  
 Lenfant, Claude, 235S  
 Leroy, Olivier, 157  
 Lerro, Keith A., 104  
 Lerut, Toni, 463S  
 Leung, Roland C. C., 1530  
 Levin, J., 46S  
 Levine, Sanford, 277, 1434  
 Levine, Stephanie M., 5, 1273  
 Levitt, Adam, 1820  
 Levy, Robert D., 1141  
 Lewis, Ralph J., 1119  
 Li, Tao, 154S, 162S, 167S, 178S, 183S  
 Liao, Duanping, 150  
 Light, Michael J., 639  
 Light, Richard W., 760, 1131, 1703  
 Lim, Chae-Man, 1032  
 Lim, T.K., 84S  
 Limper, Andrew H., 583  
 Lin, Chin-Chung, 369  
 Lin, Kuo-Hong, 1133  
 Lin, Tzeng-Jih, 709
- Lin, W., 30S  
 Lindberg, Eva, 162S  
 Lindgren, Bruce, 120  
 Lipson, David A., 827  
 Liptay, Michael J., 517S  
 Lipworth, Brian J., 93S  
 Lisbon, Alan, 68S  
 Liss, Gary, 1780  
 Litaker, David, 447  
 Little, Alex G., 693  
 Little, Stephen, 1478  
 Liu, J.-Y., 97S  
 Liu, Zhi, 17S  
 Llano, Juan V., 1843  
 Llewellyn-Thomas, Hilary, 792  
 Lockhart, Diane, 1168  
 Lois, M., 82S  
 Lored, José S., 65S, 154S  
 Lores, Luis, 633  
 Lotano, Ramya, 1287  
 Lotke, Paul A., 843  
 Loube, Daniel I., 1426, 1496  
 Loubières, Yann, 1354  
 Luce, John M., 1826  
 Ludvig-Beymer, Patti, 206S  
 Lukanich, Jeanne M., 480S, 486S, 523S  
 Lum, E., 28S  
 Luna, Carlos M., 107S  
 Luster, A., 90S  
 Lyne, Sheila, 131S  
 Lytle, Christopher S., 162S
- Machtay, Mitchell, 539  
 Mackenzie, Simon J., 471  
 MacLaughlin, Eithne F., 721  
 MacLeod, Dominic, 268  
 Madtes, D. K., 36S  
 Maeda, Akihiro, 847  
 Maessen, Jos, 1233  
 Magadle, Rasmi, 931  
 Mageto, Yolanda N., 1168  
 Mahler, Donald A., 1137, 1138  
 Mahomed, Akhter Goolam, 107  
 Maitre, Sophie, 903  
 Maki, Daniel D., 1388  
 Maldonado, José Antonio, 40  
 Malik, Furukh S., 83  
 Malo, Jean-Luc, 1659  
 Malone, Rebecca S., 984  
 Maloney, Christopher G., 18S  
 Malorgio, Roberto, 941  
 Mancini, Donna, 1434  
 Mandac, J. B., 36S  
 Mandarino, William A., 176  
 Maor, Yasmin, 1570  
 Margetis, Monique F., 721  
 Marghli, Soudani, 748  
 Margolis, Mitchell L., 587  
 Mariani, Massimo A., 892  
 Marik, Paul E., 273, 108S  
 Märk, Raimund, 587  
 Marks, John H., 271  
 Marks, Lawrence B., 539S  
 Marriott, Helen, 921  
 Marruchella, Almerico, 1491  
 Martens, Mark A., 1139  
 Martin, P. J., 36S  
 Martin, Richard J., 754  
 Martin, T. R., 9S, 98S, 111S  
 Martin, Thomas R., 2S  
 Martinez, Fernando J., 1601  
 Martos, José Alberto, 40  
 Martynowicz, M. A., 28S
- Marumo, Fumiaki, 86S  
 Maschae, Edward J., 187, 447  
 Mason, R. J., 90S  
 Massie, Clifford A., 403  
 Mastsue, Takeshi, 1494  
 Matayoshi, Amy H., 1116  
 Mate, Isabel, 1818  
 Matker, Christine, 470S  
 Matsumoto, Terufumi, 1360  
 Matsuo, Nobuko, 252  
 Matsuse, Hiroto, 252  
 Matsuse, Takeshi, 17, 1837, 1838  
 Mattered, Josué, 107S  
 Matthay, Michael A., 35S, 187, 83S, 98S, 119S, 1347, 1826  
 Maurer, Janet R., 814  
 Maziarz, Richard T., 857  
 Mazolewski, Peter, 693  
 McAdams, H. Page, 557  
 McClelland, Robyn L., 603  
 McCloud, Laryssa L., 16S, 26S, 34S  
 McCully, Kevin, 1434  
 McDermott, Michael F., 167S, 178S, 196S  
 McDermott, T., 92S  
 McDonald, Patrick P., 54S  
 McElmurry, Beverly J., 198S  
 McFadden, Sean D., 766  
 McGrath, Gregory B., 1131  
 McIntyre, Thomas M., 18S  
 McKenna, Danielle, 201  
 McKenna, Robert J., Jr., 1608  
 McKeon, Kerry, 1809  
 McKim, Douglas, 792  
 McKone, E. F., 363  
 McLaughlin, Valerie, 566  
 McLellan, Stuart, 471  
 McMurray, John, 1208  
 McNamara, Frances, 10  
 Mecikalski, Mark, 581  
 Meduri, G. Umberto, 116S  
 Mehra, Mandeep R., 83  
 Mehta, Atul C., 187, 269, 1669  
 Mehta, Jayant B., 1833  
 Mehta, Sanjay, 1478  
 Meister, Ingrid, 301  
 Mentzer, Steven J., 477S, 480S, 523S  
 Mercer, Jill, 416  
 Merino, Jose L., 1818  
 Merrill, Ray M., 697  
 Messmore, Harry, 1333  
 Metintas, Muzaffer, 391  
 Metintas, Selma, 391  
 Metz, C. N., 111S  
 Meyer, Thomas, 543  
 Michael, John R., 18S, 101S  
 Michalsen, Douglas, 179S  
 Michaelson, Jeffrey, 1616  
 Mihara, Mitsuhiro, 847  
 Milani, Richard V., 83  
 Miles, Joanne, 1200  
 Milkowski, Deborah A., 832  
 Miller, Vincent, 1491  
 Miller, Y. E., 61S  
 Minor, T. A., 28S  
 Miralles, Ara P., 127  
 Miravittles, Marc, 40, 946  
 Miserocechi, G., 31S  
 Miyamoto, Kenji, 1653  
 Mizgerd, Joseph P., 37S  
 Mochizuki, Hidetaka, 1709  
 Mochizuki, Hiroyuki, 619  
 Modin, Gunnard, 83S  
 Modl, Manfred, 301  
 Modrak, Joseph, 569

- Mogulkoc, Nesrin, 1811  
 Mohanty, Pramod K., 1587  
 Mohsenifar, Zab, 238, 1046  
 Molyneux, Robert, 1820  
 Monla-Hassan, Jaber, 585  
 Moola, S., 974  
 Moon, Be-Yung, 1478  
 Moors, Lisa K., 1012  
 Morar, Rajen, 107  
 Morehead, Richard Scott, 803  
 Morell, Ferran, 946  
 Morelock, Sandra Y., 212  
 Morera, José, 633  
 Morgan, Julia A., 1676  
 Morikawa, Akihiro, 619  
 Morise, Anthony P., 1442  
 Morris, Michael J., 591, 832, 1676  
 Morris, Susan B., 935  
 Morse, Jane H., 847  
 Mosesso, Vincent N., Jr., 1638  
 Moshe, Shlomo, 614  
 Moss, M., 825  
 Moss, Marc, 975, 1019  
 Mouljin, Adriaan C., 1473  
 Moy, Alan B., 335  
 Moy, James N., 1455, 1545  
 Moyers, Michael, 1313  
 Mozes, Benjamin, 1570  
 Muir, Jean-François, 22  
 Muller, Maike, 1108  
 Mulshine, James L., 4935  
 Mulvihill, Michael, 104  
 Munshi, Imtiaz A., 1025  
 Murphy, Ronald, 456  
 Murray, John J., 625  
 Musset, Dominique, 903  
 Muthu, Sevdia, 391  
 Muzykantov, V., 255  
 Myers, Jonathan, 808
- Nagaya, Noritoshi, 1575  
 Nakagawa, Masao, 340  
 Nakamura, Shigenobu, 847  
 Nakanishi, Norifumi, 1575  
 Nakanishi, Ryoichi, 144  
 Nakano, J., 345  
 Nakano, K., 345  
 Nakhbandi, Inaam A., 1483  
 Namen, Andrew M., 1558  
 Nanes, Mark S., 1616  
 Naraynsingh, V., 267  
 Nardell, Edward A., 1143  
 Narita, Masahiro, 856  
 Nathan, Robert A., 625  
 Naughton, Matthew T., 647  
 Naureckas, Edward T., 1905  
 Navarro, Miguel, 1025  
 Nazzario, Kristine, 65  
 Negrini, D., 315  
 Nelson, Sandra G., 1735  
 Newman, Anne B., 603  
 Newman, V., 355  
 Nguyen, Tan, 1703  
 Nicholls, Stephen C., 255  
 Nichols, Dane J., 857  
 Nick, Jerry A., 545  
 Nicod, Laurent P., 1265  
 Niederman, Michael S., 1075  
 Nieves, Maria, 2285  
 Nishida, Miwa, 206  
 Nishimura, Koichi, 1632  
 Nishimura, Masaharu, 1653  
 Noble, J. M., 95
- Noble, P. W., 175  
 Noble, R. Joe, 1464  
 Noor, Hussam A., 909  
 Noordegraaf, Anton Vonk, 1695  
 Noppen, Marc, 248  
 Norman, Robert G., 660  
 Noura, Semir, 748  
 Nowakowski, Bogdan, 1452  
 Ntoumenopoulos, George, 270
- Obata, Ken'ichi, 1320  
 O'Brien, Jeana D., 560  
 Ocasio, H., 345  
 O'Connor, Annette, 792  
 O'Connor, Trimina, 2245  
 O'Donovan, Peter B., 187  
 Oga, Toru, 1632  
 Ogawa, Michio, 206  
 Ognibene, Frederick P., 1802  
 Ohga, Eijiro, 17  
 Okagawa, Hiroto, 340  
 Oksenberg, Arie, 1000  
 Oku, Hidetaka, 1360  
 Okuno, Masahiko, 340  
 Older, Paul, 355  
 Olivieri, Dario, 941  
 Olman, M. A., 175, 1185  
 Olmer, Liraz, 1570  
 Omurlu, Kenan, 1582  
 Önal, Ergün, 572  
 Ono, Satoshi, 1709  
 Oppenheim-Eden, Arie, 1683  
 Oral, Dervis, 1582  
 Orens, Jonathan B., 1152  
 Orne, James F., 185  
 Ortiz, Felipe, 1183  
 Osaki, Toshihiro, 144  
 Otaki, Masaki, 1360  
 Otterbein, Leo E., 615  
 Ouchi, Yasuyoshi, 17, 1145, 1494, 1837, 1838  
 Oshøj, H., 432  
 Özdemir, Necla, 391  
 Ozkok, Serdar, 1811  
 Ozuah, Philip O., 104
- Pack, Allan I., 1496  
 Pagan-Carlo, Luis A., 484  
 Page, Bernard, 1354  
 Paggiaro, Pierluigi, 1497  
 Paine, Robert, III, 1601  
 Pak, Juno, 754  
 Palmer, Scott M., 127  
 Palombini, Bruno Carlos, 279  
 Palombini, Carlos Oliveira, 279  
 Pancer, Jeffrey, 1511  
 Panoskaltis, A., 375  
 Paré, Peter D., 1039  
 Paredi, Paolo, 1007  
 Parent, Florence, 903  
 Parish, G., 1005  
 Parker, Thomas A., 155  
 Parks, William C., 745  
 Parrillo, Joseph, 801, 1459  
 Parry, Linda, 52  
 Parsey, Merdad V., 675  
 Parsons, P. E., 905, 975  
 Parthenakis, Fragiskos I., 1489  
 Parys, Kay, 991  
 Pass, Harvey I., 4555, 4705  
 Passi, A., 315  
 Pastores, Stephen M., 1092  
 Patel, Manish M., 1325
- Patel, Rajesh G., 1689  
 Patrick, Donald L., 1175  
 Patterson, G. A., 465  
 Pavia, Leandro, 808  
 Pearce, Barbara, 2105  
 Pearse, David B., 555  
 Pearson, F. Griffith, 5005  
 Peloquin, Charles A., 984  
 Pentz, William H., 1135  
 Peralez, Kathleen, 403  
 Perez, Javier, 1841  
 Pérez-Guzmán, Carlos, 961  
 Pérez-Rodríguez, Esteban, 399  
 Perket, Elizabeth A., 760  
 Perng, Reury-Peng, 1125  
 Perruchoud, André P., 704  
 Persky, Victoria, 1935, 2165  
 Person, Donald A., 830  
 Persson, Tore, 424  
 Peters, Jay I., 1273  
 Petrache, Irina, 615  
 Petty, Thomas L., 15, 1137  
 Pfeiffer, Andreas, 301  
 Philbin, Edward F., 346  
 Phlippoteau, Catherine, 903  
 Pietinalho, Anne, 424  
 Pietropaoli, Anthony, 569  
 Pilling, Jeffrey, 314  
 Pils, Katharina, 587  
 Pils, Peter, 587  
 Pinsky, Michael R., 176  
 Piorkowski, Julie, 2165  
 Pizov, Reuven, 1683  
 Plastina, Franco, 78  
 Pluto, Luke A., 843  
 Poeze, Martijn, 1145  
 Pollard, R. Joy, 953  
 Poponick, Janet M., 166, 1509  
 Porcel, José Manuel, 1833, 1836  
 Portier, Florence, 22  
 Porzio, Richard, 1475  
 Postmus, Piet E., 1695  
 Postmus, Pieter E., 676, 1108  
 Potter, Mark B., 1480  
 Poujol, Vincent, 1537  
 Powers, Amy, 4705  
 Powers, Anne, 819  
 Prakash, Udaya B. S., 1403  
 Pratter, Melvin R., 1287  
 Presberg, K., 305  
 Prescott, Stephen M., 185  
 Prezant, David J., 1183  
 Prieto, Edgardo, 399  
 Prinsell, Jeffrey R., 1519  
 Pugin, Jérôme, 955  
 Pushnoff, Luba A., 1139  
 Pyzik, Toni, 2005
- Qadri, Alam M., 1485  
 Qin, Lan, 375  
 Quan, J., 1115  
 Quinn, CPT Michael W., 257  
 Quinn, D., 895  
 Quintos, Robert, 1333
- Raaijmakers, Esther, 1695  
 Radella, F., II, 985  
 Radwan, Henryk, 1000  
 Radwanski, Elaine, 369  
 Raffin, Thomas A., 1369  
 Raghu, Ganesh, 1168, 1175  
 Rainer, J. S., 615

- Ramakrishnan, Viswanathan, 216S  
 Rampaul, R.S., 267  
 Ramsay, Graham, 1145  
 Randerath, Winfried J., 991  
 Rapoport, David M., 660  
 Ravakhah, Keyvan, 1100  
 Rawlins, Peggy, 880  
 Rayburn, Daniel B., 1325  
 Rea, Harry H., 416  
 Reddy, M. Niranjan, 1786  
 Reichart, Bruno, 332  
 Reichenberger, Frank, 704  
 Reilly, John J., Jr., 474S  
 Reiss, Craig K., 560  
 Rejesski, W. Jack, 953  
 Remigio, L. K., 91S  
 Renston, Jeffrey P., 166  
 Repine, John E., 102S  
 Revak, Susan D., 85S  
 Riantawan, Pratheep, 97  
 Ricciardi, Mark J., 1218  
 Ricciardi, Santuccio, 148S  
 Rice, Richard, 447  
 Rich, Stuart, 566  
 Richards, Glenn N., 403  
 Richardson, Meroula, 874  
 Riches, D. W. H., 91S  
 Richter, Joel E., 1150  
 Rickard, Kathleen A., 59S, 62S, 1137, 1138  
 Rickli, Hans, 861  
 Ridge, K., 29S, 88S  
 Ritz, Laurence, 71S  
 Rivkin, Abraham, 1683  
 Rizk, Norman W., 82S  
 Rizzo, Paola, 470S  
 Roberts, John R., 83S, 446S  
 Robertson, C. R., 111S  
 Robinson, Bruce W., 455S  
 Roche, Nicolas, 1537  
 Rodrigo, Carlos, 28S  
 Rodrigo, Gustavo, 28S  
 Rodrigo, María-José, 946  
 Rodríguez de Castro, Felipe, 462  
 Rodríguez, R. Michael, 760  
 Rodríguez, William, 1841  
 Rodrigus, Inez E., 1473  
 Rogers, Jeffrey, 760  
 Roig, Catherine, 1537  
 Rojanarawee Wong, Prapant, 97  
 Rolfe, Mark W., 853  
 Roman, Jesse, 1616  
 Roque, Florence, 200S  
 Rosenstock, Jordan, 104  
 Rosenthal, Richard R., 59S  
 Rossoff, Leonard, 1809  
 Roth, Bernard J., 3  
 Rothmeier, Claudia, 126S  
 Roul, Gérald, 574  
 Rubinfeld, Gordon D., 1347  
 Rubenfire, Melvyn, 121S  
 Rubin, Brian G., 1493  
 Rubin, Bruce K., 19S, 149S  
 Rubin, Janet, 1616  
 Rubin, Lewis J., 564, 1127  
 Ruby, Ralph R. F., 409  
 Rudusky, Basil M., 1142  
 Ruess, Lynne, 830  
 Rühle, Karl Heinz, 991  
 Ruoss, Stephen J., 222, 1369  
 Riisch-Gerdes, Sabine, 1814  
 Russell, Ella, 193S  
 Ruzinski, J., 9S, 98S  
 Ryan, U., 46S  
 Sabati, Navid, 120  
 Sadeghi, Ali, 887  
 Sader, Albert Amin, 837  
 Sadoun, Danièle, 1194  
 Saeed, Muhammad M., 721  
 Sahn, Steven A., 212, 1063  
 Saiman, Lisa, 77S  
 Saito, Hiroshi, 1653  
 Sakamaki, Fumio, 157S  
 Sakamoto, Osamu, 1251  
 Sako, Edward Y., 1273  
 Saldias, Fernando, 24S, 29S  
 Salez, Fabienne, 166S  
 Salloum, Joseph, 187  
 Salomaa, Eija-Riitta M., 1257  
 Salud, Antonieta, 1836  
 Saluja, Jaspreet, 1113  
 Salvatella, David, 633  
 Samejima, Yasuhiro, 1251  
 Sammak, P. J., 94S  
 Sample, George A., 1816, 1820  
 Samson-Dolfuss, Dominique, 22  
 Sanchez-Recalde, Angel, 1818  
 Sanders, Karl A., 56S  
 Sanders, Mark H., 1503  
 Sandifer, Dean P., 1498  
 Sandin, Ramon L., 1144  
 Sanmer, Bernd, 991  
 Santana, Pedro Saavedra, 462  
 Santos, E., 88S  
 Sarodia, Bipin D., 814, 1669  
 Sarwar, Akmal, 110S  
 Sasse, Scott, 1703  
 Sato, Akemi, 340  
 Sato, Fumihiko, 1653  
 Sato, Keizo, 1251  
 Sato, Yukio, 43S  
 Satoh, Hiroaki, 582  
 Satoh, Toru, 157S  
 Sause, William T., 512S  
 Savani, R., 35S  
 Sawai, Satoru, 899  
 Sawyer, Anne, 210S  
 Schapira, R. M., 30S  
 Scharf, Jura S., 190S  
 Scharf, Steven M., 1786, 1809  
 Scheff, Peter, 216S  
 Schein, Mark J., 160S  
 Schlaak, Max, 1814  
 Schmidt, Diana K., 235S  
 Schmidt, Rodney A., 116S  
 Schnader, Jeff, 549, 1786  
 Schramel, Franz M.N.H., 676  
 Schreurs, Ad J.M., 676  
 Schulman, L., 46S  
 Schwaiblmair, Martin, 332  
 Schwarz, Marvin I., 148S  
 Schweitzer, Paul, 73  
 Scott, J. Anthony G., 1716  
 Sedani, Sangeeta, 974  
 Sekiguchi, Morie, 477  
 Sekosan, Marin, 253, 572  
 Sellke, Frank W., 68S  
 Selroos, Olof, 424  
 Selzer, Titus, 543  
 Semenza, G., 32S  
 Senden, Nicole, 1233  
 Senior, Robert M., 17S  
 Sens, Philippe, 574  
 Serafini, Oscar, 78  
 Seres, T., 8S  
 Serghani, Susan Goodnough Joseph, 96S  
 Seward, James B., 322  
 Shade, Daniel, 30  
 Shafazand, Shirin, 1369  
 Shaffer, Kitt, 519S  
 Shanks, Thomas G., 819  
 Shannon, J. M., 61S  
 Shapiro, S. D., 28S, 31S  
 Shappell, K., 33S  
 Sharma, Renuka, 87S  
 Shasby, D. Michael, 33S  
 Shasby, Sandy, 33S  
 Sheikh, Shahid, 52  
 Shemer, Joshua, 614  
 Shenkar, R., 67S  
 Sheridan, Brett C., 15S  
 Shigenobu, Takuso, 847  
 Shigeta, Makoto, 619  
 Shim, Tae S., 1032  
 Shimoda, Terufumi, 252  
 Shin, D. H., 61S  
 Shinano, Hideki, 1653  
 Shinn, John, 147S  
 Shipley, J. Michael, 17S  
 Shoemaker, William C., 1140  
 Shorr, Andrew F., 1012  
 Siafakas, Nikolaos M., 47  
 Sibley, Gregory, 539S  
 Siegel, Linda B., 260  
 Siegel, Robert E., 53S  
 Siegel, Robert J., 1564  
 Silbergleit, Allen, 1142  
 Silkoff, Philip E., 754  
 Silverberg, Donald S., 1000  
 Simmons, W. L., 118S  
 Simonneau, Gérald, 903  
 Simpson, Brandon, 6S  
 Singh, Digvijay, 148S  
 Sirois, Cheryl, 68S  
 Skalandis, Emmanuel I., 1489  
 Sklair-Levi, Miri, 1683  
 Skubas, Nikolaos J., 1339  
 Slater, James M., 1313  
 Slater, Jerry D., 1313  
 Sleeman, Danny, 102S  
 Slezak, Julie, 216S  
 Slonim, Anthony D., 1802  
 Slutsky, Arthur S., 9S  
 Smit, Hans J.M., 676  
 Smith, Robert M., 549  
 Smountas, Argyrios A., 201  
 Snell, Gregory I., 874  
 Snyder, Mariah, 120  
 Sobrino, Jose A., 1818  
 Solèr, Markus, 704  
 Solé-Violán, Jorge, 462  
 Solin, Peter, 647  
 Solomon, David A., 853  
 Soriano, Cynthia M., 564  
 Sosna, Jacob, 614  
 Soukhova, Galia K., 136S  
 Sourvinos, George, 47  
 Spandidos, Dimitrios, 47  
 Spiegel, David M., 984  
 Spiliopoulos, Anastase, 126S  
 Spodic, David H., 1506  
 Sprung, Charles, 1683  
 Srebro, Sharon, 62S  
 Stålenheim, Gunnemar, 162S  
 Staley, Heather, 974  
 Standiford, Theodore J., 103S  
 Stănescu, Dan, 231  
 Stein, Paul D., 909  
 Steinberg, Kenneth P., 9S, 74S, 97S, 98S  
 Stephen, Bibiana, 73  
 Sterman, Daniel H., 504  
 Stevens, Allen, 754

- Stevens, Troy, 32S  
 Stibbe, Cheryl Edin, 120  
 Stingone, Angela, 78  
 Stoller, James K., 447  
 Stolz, Daiana Prestes, 279  
 Strauss, Gary M., 504S  
 Strieter, Robert M., 93S, 103S  
 Strohl, Kingman P., 1496  
 Strollo, Patrick J., Jr., 1503  
 Sturrock, A. B., 56S  
 Sudo, Eiichi, 17  
 Suga, Moritaka, 1251  
 Sugarbaker, David J., 83S, 443S, 450S, 480S, 523S  
 Sullivan, Colin E., 10  
 Sullivan, Karen, 792  
 Summers-Torres, D., 68S  
 Sundt, Thoralf M., 1339  
 Susanto, Irawan, 1273  
 Sutedja, Thomas G., 676, 1108  
 Suzuki, Kaoru, 88  
 Suzuki, Kiichi, 263  
 Swanson, Scott J., 466S, 477S, 480S, 523S  
 Swinnen, Lode J., 470S  
 Swystun, Veronica A., 1497  
 Sznajder, Jacob I., 24S, 29S, 58S
- Taga, Satoshi, 144  
 Tager, A., 59S, 90S  
 Takahashi, Minoru, 88  
 Takamatsu, Tetsuro, 340  
 Takano, Yoshihisa, 1251  
 Takenoyama, Mitsuhiro, 144  
 Talathi, Suresh, 203S  
 Talbert, James, 1247  
 Tamm, Michael, 704  
 Tanabe, Yasuhiko, 88  
 Tapson, Victor F., 127  
 Tarlo, Susan M., 1780  
 Tashkin, Donald P., 841  
 Tassart, Marc, 1282  
 Tatevossian, Raymond, 440  
 Tavel, Morton E., 1464  
 Taylor, David McD., 1638  
 Taylor, Ian Keith, 1200  
 Teixeira, Lisete R., 1703  
 Teklu, Bayu, 846  
 Terada, Lance, 1S  
 Teramoto, Shinji, 17, 114S, 1494, 1837, 1838  
 Terho, Erkki O., 1257  
 Terregino, Carol A., 296  
 Testa, Joseph R., 455S  
 Tewari, Sanjiv, 269  
 Tezuka, Noriaki, 899  
 Thaler, Leonard, 1616  
 Thévenin, Didier, 157  
 Thijs, Lambertus G., 380  
 Thomas, Sandra D., 135S, 190S  
 Thompson, W. J., 32S  
 Thurer, Robert L., 593  
 Tino, Gregory, 827  
 Toews, Galen B., 112S  
 Tokuyama, Kenichi, 619  
 Tomford, J. Walton, 549  
 Tondini, Maurizio, 1491  
 Tonnel, André-Bernard, 166S  
 Topham, Matthew S., 18S  
 Torres-Cruz, Alfredo, 961  
 Towle, Howard, 87S  
 Travaine, John M., 30, 667  
 Treece, P., 97S, 98S  
 Trefelner, Eric, 147S  
 Trevenzoli, Marco, 848
- Trow, Terence K., 1019  
 Trubitt, Mitchell J., 173S, 190S, 207S  
 Tsang, Teresa S. M., 322  
 Tschernko, Edda, 1593  
 Tsuchida, Masanori, 139  
 Tsukino, Mitsuhiro, 1632  
 Tsuru, Mizuki, 1843  
 Tu, George, 1046  
 Tukiainen, Pentti, 424  
 Tun, Thaw, 1100  
 Turner, J. F., 693  
 Turner-Roan, Karen, 145S, 154S, 167S, 178S  
 Turyk, Mary, 216S  
 Tutar, Eralp, 1582  
 Tzanakis, Nikolaos, 47  
 Tzortzaki, Eleni G., 47
- Überfuhr, Peter, 332  
 Ugun, Irfan, 391  
 Ueki, Jun, 1320  
 Uh, S. T., 91S  
 Uryniak, Thomas, 65  
 Utell, Mark, 569
- Valeyre, Dominique, 1194  
 van Boxem, Ton, 1108  
 van Eeden, Stephan F., 43S  
 van Oeveren, Willem, 892  
 Van Raemdonck, Dirk, 463S  
 Vandenbussche, Christian, 157  
 Vander Els, Nicholas, 1491  
 Vardas, Panos E., 1489  
 Vargas, Mario H., 961  
 Varon, Joseph, 273  
 Vase, P., 432  
 Vassallo, Robert, 583  
 Vaughn, David, 827  
 Vavasseur, Emmanuel, 22  
 Vay, Carlos, 1075  
 Vedal, Sverre, 726  
 Vega, Charlene, 193S  
 Velkeniers, Brigitte, 24S  
 Velmahos, George C., 440  
 Vendrell, Montserrat, 946  
 Venkatakrishnan, A., 73S  
 Venmans, Ben, 110S  
 Vento, Sandro, 848  
 Veral, Ali, 1811  
 Verleden, Geert M., 59  
 Verpeut, Ann C., 59  
 Vidal, Rafael, 946  
 Videla, Alejandro, 1075  
 Vieillard-Baron, Antoine, 1354  
 Villanova, Carlos Antônio Castilho, 279  
 Villarreal-Velarde, Héctor, 961  
 Vincken, Walter, 248  
 Vives, Manuel, 1833, 1836  
 Vogelmeier, Claus, 332  
 Vogiatzis, Ioannis, 1200  
 Vollmer, Ekkehard, 1814  
 von Scheidt, Wolfgang, 332  
 Vorlat, Anne, 1473  
 Vrints, Christiaan J., 1473  
 Vujacich, Patricia, 1075  
 Vuong, Van, 732
- Walker, Loretta, 200S, 200S  
 Wallaert, Benoît, 166S  
 Wallis, Diane E., 1333  
 Walsh, Timothy S., 471  
 Walter, James, 196S  
 Walters, B. J., 28S
- Walters, E. Haydn, 647  
 Wampler, Mary, 1452  
 Wang, Chao-Hung, 1224  
 Wang, Ybing, 98S  
 Wang, Z. M., 101S  
 Wanke, Theodor, 1593  
 Ward, Nicholas S., 26S  
 Ware, Lorraine B., 83S  
 Warren, H. B., 61S  
 Warshaw, J. B., 8S  
 Watanabe, Takehiro, 139  
 Waterer, Grant W., 1278, 1842  
 Wax, David, 914  
 Waxman, A. B., 8S, 26S  
 Weber, Janoš, 704  
 Wechsler, Michael E., Jeffrey M. Drazen, 266  
 Wehner, John H., 147S  
 Wehrmacher, William, 1333  
 Weil, Henry F. C., 346  
 Weilenmann, Daniel, 861  
 Weinacker, Ann, 1369  
 Weinberger, Miles, 267  
 Weiner, Paltiel, 931  
 Weingarten, Scott, 1046  
 Weinhandl, Elisabeth, 301  
 Weissman, Idelle M., 48S, 1377  
 Weiss, Kevin B., 132S, 141S, 145S, 154S, 162S, 167S, 173S, 178S, 183S, 190S, 196S, 198S  
 Welch, Michael, 1304  
 Welker, James A., 1822  
 Wendt, Christine H., 87S  
 Wenger, Nanette Kass, 890  
 Wesselius, Lewis J., 584  
 Wessell, Andrea, 1499  
 West, Burton C., 1100  
 West, Jeffrey, 1442  
 Wheatley, John R., 1646  
 White, Carl W., 101S  
 White, Charles, 564  
 White, David P., 1496  
 White, Dorothy A., 549  
 White, K. E., 118S  
 Whitlock, Robert M. L., 416  
 Whitman, Steve, 135S  
 Whitney, John F., 1141  
 Whitsett, Carolyn, 880  
 Widmann, Mark D., 1119  
 Wild, Monika, 1593  
 Wilke, Carol A., 93S  
 Willens, Howard J., 1772  
 Williams, Dennis M., 1499  
 Williams, Trevor J., 874  
 Williamson, Andrew Frederick, 1200  
 Wilson, Andrew M., 93S  
 Wilson, John, 647  
 Wilson, T. A., 28S  
 Winston, B. W., 91S  
 Wirth, Joel A., 1483  
 Wisser, Wilfried, 1593  
 Withy, Steve, 416  
 Wolf, Raoul L., 190S, 193S, 224S  
 Wolken, R., 97S  
 Wongsangiem, Manus, 97  
 Woo, Marilyn S., 721  
 Wood, Douglas E., 116S  
 Worley, Brian D., 832  
 Worthen, G. Scott, 54S  
 Wright, Cameron D., 461S  
 Wright, Diana, 202S  
 Wright, Richard M., 102S  
 Wunderink, Richard G., 115S, 127S, 1842  
 Wunderli, Werner, 126S  
 Wymer, Antoinette, 155S



Xu, P., 56S

Yajima, Takashi, 86S  
Yamaguchi, Shinji, 1129  
Yamamoto, Hiroshi, 1129  
Yamashita, Jun-ichi, 206  
Yamashita, Yuko T., 582  
Yamato, Yasushi, 139  
Yasumoto, Kosei, 144  
Ye, S., 90S  
Yim, Anthony P.C., 84S  
Yoshida, Satoshi, 582

Yoshihara, Masaharu, 847  
Yoshino, Ichiro, 144  
Yoshioka, Keiji, 581  
Yoshitake, M., 33S  
Young, Scott K., 54S  
Yu, Aimee, 32S  
Yu, Jerry, 136S  
Yull, F. E., 73S  
Yusen, Roger D., 399, 1493

Zach, Maximilian S., 301  
Zacharis, Evangelos A., 1489

Zaloga, Gary P., 1822  
Zamel, Noe, 160S  
Zamora, Martin R., 46S  
Zare, Sharam, 120S  
Zeballos, R. Jorge, 488, 1377  
Zeitz, Howard J., 190S  
Zeller, Frederick A., 584  
Zema, Michael J., 851  
Zhang, Mancong, 74S  
Ziegler, Michael G., 65S  
Zimmerman, Guy A., 18S  
Zoia, Maria Cristina, 1163  
Zwick, Hartmut, 1593

# SUBJECT INDEX

## Volume 116 (JULY-DECEMBER, 1999)

- Abdominal arteriovenous fistula: See Fistula
- Abnormalities, pulmonary risk factors compromising postoperative recovery after surgical repair for congenital heart disease, 740
- tracheal bronchus associated with lung cancer, 1125
- Abstracts, CHEST 1999 scientific highlights: abstracts of original investigations and case reports, October 31-November 4, 1999, Chicago, Illinois, Oct. Suppl., 237S-442S
- Accidents, prudent restraint use, 843
- ACCP medical personnel services: See College, ACCP medical personnel services
- ACCP-SEEK board review question of the month, 55-year-old man with acute myocardial infarction develops tachycardia following balloon angioplasty, 243
- 64-year-old man enters the ICU with hypotension and pulmonary edema associated with persistent chest pain, 1459
- worsening hypotension in a 60-year-old man requiring intra-aortic balloon counterpulsation, 801
- ACE inhibitors: See Angiotensin-converting enzyme inhibitors
- Acid-base equilibrium: See pH
- Acid-fast bacilli, 726, 1841
- Acidosis, 471
- Acoustic analysis: See Sounds
- Acquired immunodeficiency syndrome: See also HIV infections; bronchiectasis in systemic diseases, 1063
- downward trends in bronchoscopies performed between 1991 and 1997, 238
- HIV-infected patient with pleural effusion, 1113
- related primary pulmonary lymphoma, 1282
- Actinomycosis, pleuropulmonary, young man with two large lung masses, 814
- Acute Physiology and Chronic Health Evaluation: See APACHE
- Acute respiratory distress syndrome: See Respiratory distress syndrome
- Acute respiratory failure: See Respiratory failure
- Acyclovir, drugs and the pleura, 212
- Adenocarcinoma, conditional survival among patients with carcinoma of the lung, 697
- sialyl Lewis X-i antigen in pleural effusion, 582, 583
- Adenoid cystic carcinoma: See Carcinoma
- Adenosine deaminase, 3, 97
- Adenosine triphosphate, 1839
- Adolescence, controlled trial of two formulations of cromolyn sodium in the treatment of asthmatic patients  $\geq 12$  years of age, 65
- lung function in survivors of childhood acute lymphoblastic leukemia, 1163
- serum eosinophil cationic protein and bronchial responsiveness in pediatric and adolescent asthma patients, 301
- Adrenal suppression, 854, 935
- Adrenergic agents,  $\beta$ : See also Albuterol; Bronchodilators; apples and oranges: flaws and guffaws, 1137, 1138
- corticosteroids in the emergency department therapy of acute adult asthma, 285
- difference in airway reactivity in children with atopic vs nonatopic asthma, 619
- effect of long-term salmeterol therapy compared with as-needed albuterol use on airway hyperresponsiveness, 595
- fluticasone alone or in combination with salmeterol vs triamcinolone in asthma, 625
- stimulation, safety profile and hemodynamic responses to, by dobutamine in heart transplant patients, 1587
- Adult respiratory distress syndrome (ARDS): See Respiratory distress syndrome
- Advance directives, 792, 857
- Aerobic fitness: See Exercise
- Aerosols: See also Nebulizers; chlorofluorocarbon-free triamcinolone acetate [for] adults with persistent asthma, 1304
- derived airway morphometry and aerosol bolus dispersion in patients with lung fibrosis and lung emphysema, 543
- effect of long-term salmeterol therapy compared with as-needed albuterol use on airway hyperresponsiveness, 595
- extra fine hydrofluoroalkane-134A beclomethasone: selecting an optimal inhaled steroid for an individual patient, 841, 842
- insulin by inhalation? 581
- pulmonary administration of insulin as, 581
- use of aerosolized antibiotics in patients with cystic fibrosis, 775
- African Americans, incidence of acute pulmonary embolism in a general hospital: relation to age, sex, and race, 909
- relationship between polymorphisms in the endothelial cell nitric oxide synthase gene and the platelet GPIIb gene with myocardial infarction and venous thromboembolism in, 880
- Agar marking, CT-guided, for localization of nonpalpable peripheral pulmonary lesions, 139
- Age and aging, cardiopulmonary exercise testing as a screening test for... perioperative management of major surgery in the elderly, 355
- coronary artery disease in potential lung transplant recipients  $>50$  years old: the role of coronary intervention, 874
- difficulties with diagnosing asthma in the elderly, 591
- does [it] modify pulmonary tuberculosis? a meta-analytical review, 961
- emerging concepts in the evaluation of ventilatory limitation during exercise: the exercise tidal flow-volume loop, 488
- incidence of acute pulmonary embolism in a general hospital: relation to sex, race, and, 909
- lung and possible animal models, 1145
- mechanical ventilation in hematopoietic stem cell transplantation: can we effectively predict outcomes? 1012
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- outpatient treatment of deep venous thrombosis, 1492, 1493
- pine oil ingestion: a common cause of poisoning, 1822
- relationships among pulmonary function, aerobic fitness, and cognitive functioning in older COPD patients, 953
- trends in the epidemiology of COPD in Canada, 1980 to 1995, 306
- simplified prediction rule for prognosis of patients with severe community-acquired pneumonia in ICUs, 157
- sleep supine position has a major effect on optimal nasal continuous positive airway pressure: relationship with rapid eye movements and non-rapid eye movements sleep, body mass index, respiratory disturbance index, and age, 1000
- substitution of arm span for standing height is important for the assessment of predicted value of lung volumes in elderly people with osteoporosis, 1837
- underdiagnosis and undertreatment of asthma in the elderly, 603
- "won't get fooled again" (by tuberculosis), 856
- Agglutinin disease, cold: See Cold agglutinin disease
- Agriculture, dust exposure, 1157, 1452
- AIDS: See Acquired immunodeficiency syndrome
- Air, embolism, systemic, is emergency thoracotomy always the most appropriate immediate intervention for, after lung trauma? 234
- leak, prolonged, following upper lobectomy, 848
- sampling for tuberculosis—homage to the lowly guinea pig, 1143, 1144
- Airflow: See Airway; Airway obstruction
- Airway: See also Airway obstruction, *below*, advances in bronchoscopic procedures, 1403
- aerosol-derived morphometry and aerosol bolus dispersion in patients with lung fibrosis and lung emphysema, 543
- bronchial hyperreactivity in patients with mitral stenosis before and after successful percutaneous mitral balloon valvulotomy, 1582
- clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure due to restrictive lung disease, nocturnal hypoventilation, and—a consensus conference report, 521

- determinants of aortic pressure variation during positive-pressure ventilation in man, 176
- effect of cigarette smoking on exhaled nitric oxide in mild steroid-naïve asthmatics, 59
- hyperreactivity in patients with mitral stenosis before and after successful percutaneous mitral balloon valvulotomy, 1582
- hyperresponsiveness and symptoms of asthma in a six-year follow-up study of childhood asthma, 1659
- hyperresponsiveness, effect of long-term salmeterol therapy compared with as-needed albuterol use on, 595
- impaired swallowing reflex in patients with obstructive sleep apnea syndrome, 17
- inflammation, advances in pulmonary laboratory testing, 1377
- inflammation, method for the standardized offline collection of exhaled nitric oxide, 754
- manifestations of relapsing polychondritis, management of: case reports and review of the literature, 1669
- occlusion pressure, advances in respiratory monitoring during mechanical ventilation, 1416
- outcome of asthma related to workplace irritant exposures: a comparison of irritant-induced asthma and irritant aggravation of asthma, 1780
- pulmonary risk factors compromising postoperative recovery after surgical repair for congenital heart disease, 740
- questioning flutter therapy, 270, 271
- reactivity, difference in, in children with atopic vs nonatopic asthma, 619
- resistance, advances in respiratory monitoring during mechanical ventilation, 1416
- resistance, assessing respiratory resistance without spirometry, 268
- responsiveness to methacholine, effect of mild hypoxia on, in subjects with airway hyperresponsiveness, 1653
- serum eosinophil cationic protein and bronchial responsiveness in pediatric and adolescent asthma patients, 301
- 35-year-old man with persistent cough, fever, and sore throat, 248
- upper, why [it] is not like a gall bladder, 1503
- xinafoic acid is not a solvent for salmeterol, 1138
- Airway obstruction, airflow signal, cardiogenic oscillations on, during continuous positive airway pressure as a marker of central apnea, 660
- effect of heliox in acute severe asthma, 296
- evaluation of the cuff-leak test in a cardiac surgery population, 1029
- in bronchial sarcoidosis: outcome with treatment, 1194
- nocturnal cortisol secretion in asthmatic patients after inhalation of fluticasone propionate, 931
- physiological response to moderate exercise workloads in a pulmonary rehabilitation program in patients with varying degrees of airflow, 1200
- Richter's transformation presenting as an obstructing endobronchial lesion, 832
- severe, endobronchial stenting for, in relapsing polychondritis, 825
- small airways obstruction syndrome, 231
- streptokinase for endobronchial blood clots, 587
- symptomatic, Nd-YAG laser vs bronchoscopic electrocautery for palliation of: a cost-effectiveness study, 1108
- trends in the epidemiology of COPD in Canada, 1980 to 1995, 306
- Alatrofloxacin, 115
- Albuterol, as-needed use, effect of long-term salmeterol therapy compared with, on airway hyperresponsiveness, 595
- Doser external counting device, 1499
- fluticasone alone or in combination with salmeterol vs triamcinolone in asthma, 625
- in vitro* comparison of the mucoactive properties of guaifenesin, iodinated glycerol, surfactant, and, 195
- inhaled, low- vs high-dose, for the treatment of acute asthma, 585, 586
- Alcohol, absolute, drugs and the pleura, 212
- Allergen challenge, 1497
- Allergic bronchopulmonary aspergillosis: See Aspergillosis
- Allergies: See Hypersensitivity
- $\alpha_1$ -antitrypsin-deficiency: See Antitrypsin
- Alternative medicine, draft oxygen, 589
- Altitude, high-, pulmonary edema, serial scintigraphic assessment of iodine-123 metaiodobenzylguanidine lung uptake in a patient with, 1129
- Alveoli, diffuse hemorrhage and pulmonary capillaritis due to propylthiouracil, 1485
- hypoventilation, clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521
- permeability, acute paraquat intoxication: using nuclear pulmonary studies to predict patient outcome, 709
- Alveolitis, 477
- Ambulatory care, current outpatient management of asthma shows poor compliance with international consensus guidelines, 1638
- method for the standardized offline collection of exhaled nitric oxide, 754
- office spirometry: does poor quality render it impractical? 276
- outpatient treatment of deep venous thrombosis, 1492, 1493
- oximetry monitoring in patients with severe COPD: a preliminary study, 314
- performance of sleep histories in [a] clinic: impact of simple chart reminders, 1558
- American College of Chest Physicians: See also *CHEST*; *CHEST* at the millennium, 1501
- CHEST* 1999 scientific highlights: abstracts of original investigations and case reports, October 31–November 4, 1999, Chicago, Illinois, Oct. Suppl., 237S–442S
- fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S–769S) [Oct. Insert]
- American-European Consensus Conference, 1347
- Aminoglycosides, 775
- Aminosaliclate: See Para-aminosalicylate
- Amiodarone, drugs and the pleura, 212
- Amnestic agents in pediatric bronchoscopy, 1802
- Amphotericin B, mechanical ventilation in hematopoietic stem cell transplantation: can we effectively predict outcomes? 1012
- successful treatment of prosthetic aortic valve mucormycosis, 1818
- Amyloidosis, nodular pulmonary, bronchiectasis in systemic diseases, 1063
- primary tracheobronchial, a 27-year-old woman with cough, dyspnea, and wheezing, 557
- Anaerobic threshold, 88, 355
- Anastomosis, 564
- Anemia, hemolytic, autoimmune, 830
- Anesthesia, amnestic agents in pediatric bronchoscopy, 1802
- local, modification of pleural fluid pH by, 399
- neuraxial, safety of, in patients receiving perioperative low molecular weight heparin for thromboprophylaxis, 1843
- pilot study of expiratory flow limitation and lung volume reduction surgery, 1762
- Aneurysms: See also Pseudoaneurysm; dissecting ascending aortic, painless left hemorrhagic pleural effusion: an unusual presentation of, 1478
- innominate artery, massive tracheal necrosis due to compression by, associated with a grade IV chagasic megaesophagus and chronic duodenal ulcer, 837
- multiple coronary, in a case of systemic lupus erythematosus, 1116
- tuberculous mycotic, 1142
- Angina, can dobutamine stress echocardiography predict cardiac events in nonrevascularized diabetic patients following acute myocardial infarction? 1224
- carcinoid—a diagnostic and therapeutic dilemma, 1142
- fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S–769S) [Oct. Insert]
- unstable, low-molecular-weight heparin for, 1833
- Angiogenesis, 206
- Angiography, coronary artery disease in potential lung transplant recipients >50 years old: the role of coronary intervention, 874
- helical CT, 1388
- high prevalence of detectable deep venous thrombosis in patients with acute pulmonary embolism, 903
- magnetic resonance, recent advances in pulmonary imaging, 1388

- neural network analysis of the volumetric capnogram to detect pulmonary embolism, 1325
- pulmonary, pulmonary arteriovenous malformations: patients with hereditary hemorrhagic telangiectasia, 432
- Angioplasty, balloon, a 55-year-old man with acute myocardial infarction develops tachycardia following, 243
- coronary, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- Angiotensin-converting enzyme inhibitors, captopril lowers coronary venous free radical concentration after direct current cardiac shocks, 484
- Animal investigations: See Laboratory and animal investigations
- Animals, models, aging lung and, 1145
- Ankylosing spondylitis, bronchiectasis in systemic diseases, 1063
- Annual hazards and survival: See Statistics
- Anoxemia, ambulatory oximetry monitoring in patients with severe COPD: a preliminary study, 314
- effect of sputum induction on spirometric measurements and arterial oxygen saturation in asthmatic patients, smokers, and healthy subjects, 941
- hypoxemia and hypercapnia during exercise and sleep in patients with cystic fibrosis, 647
- nocturnal, nocturnal efficiency and tolerance of a demand oxygen delivery system in COPD patients with, 22
- reengineering respiratory support following extubation: avoidance of critical care unit costs, 1025
- Anoxia, effect of mild hypoxia on airway responsiveness to methacholine in subjects with airway hyperresponsiveness, 1653
- Anthrax, inhalational, 1369
- Antibiotics, aerosolized, use of, in patients with cystic fibrosis, 775
- bacteremic pneumococcal pneumonia in HIV-seropositive and HIV-seronegative adults, 107
- blood cultures for community-acquired pneumonia: no place to skimp! 1153
- impact of blood cultures on therapy in pneumococcal pneumonia, 1278
- relationship between bacterial flora in sputum and functional impairment in patients with acute exacerbations of COPD, 40
- significance of serum vs tissue levels of, in the treatment of penicillin-resistant *Streptococcus pneumoniae* and community-acquired pneumonia: are we looking in the wrong place? 535
- Antibodies, antineutrophil: See Antineutrophil cytoplasmic antibodies
- Antibodies, antinuclear, 51-year-old man with fever, ulnar neuropathy, and bilateral pleural effusions, 1105
- Antibody response, specific, against the 23-valent pneumococcal vaccine in patients with  $\alpha_1$ -antitrypsin deficiency with and without bronchiectasis, 946
- Anticholinergic agents, apples and oranges: flaws and guffaws, 1137, 1138
- Anticoagulants: See also Heparin; Warfarin; fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- perioperative, physician preferences for, in patients with a mechanical heart valve who are undergoing elective noncardiac surgery, 1240
- risks vs benefits in total joint surgery, 843, 844
- warfarin, safety of, in patients with heparin-induced thrombocytopenia, 1333
- Antigens, sialyl Lewis X-i, in pleural effusion, 582, 583
- [Thomsen-Friedenreich], proliferation of type II pneumocytes and alteration in their apical surface membrane antigenicity in pulmonary sarcoidosis, 477
- Antineutrophil cytoplasmic antibodies, cytoplasmic, eosinophilia in Wegener's granulomatosis: a case report, 1480
- diffuse alveolar hemorrhage and pulmonary capillaritis due to propylthiouracil, 1485
- Wegener's granulomatosis and  $\alpha_1$ -antitrypsin-deficiency emphysema: proteinase-related diseases, 253
- Antinuclear antibodies: See Antibodies
- Antioxidants, 201
- Antiplatelet therapy, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- Antiretroviral therapy, 848
- Antithrombotic therapy, quick reference guide for clinicians; fifth ACCP consensus conference on (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- Antithymocyte, globulin, rabbit, decreases acute rejection after lung transplantation, 127
- Anti-topoisomerase I, is [it] a serum marker of pulmonary involvement in systemic sclerosis? 715
- Antitrypsin,  $\alpha_1$ -, deficiency with and without bronchiectasis, specific antibody response against the 23-valent pneumococcal vaccine in patients with, 946
- $\alpha_1$ -antitrypsin-deficiency emphysema and Wegener's granulomatosis: proteinase-related diseases, 253
- Anxiety, scores, state, effect of music on, in patients undergoing fiberoptic bronchoscopy, 819
- Aorta, determinants of pressure variation during positive-pressure ventilation in man, 176
- dissection, painless left hemorrhagic pleural effusion: an unusual presentation of dissecting ascending aortic aneurysm, 1478
- dissection, retrograde cerebral perfusion as an adjunct to prolonged hypothermic circulatory arrest, 887
- successful treatment of prosthetic valve mucormycosis, 1818
- thoracic, transesophageal echocardiography in the diagnosis of diseases of: part 1. aortic dissection, aortic intramural hematoma and penetrating atherosclerotic ulcer of the aorta, 1772
- tuberculous mycotic aneurysms, 1142
- worsening hypotension in a 60-year-old man requiring intra-aortic balloon counterpulsation, 501
- Aortobronchial fistula: See Fistula
- APACHE, predicting 3-day and 7-day outcomes of weaning from mechanical ventilation, 456
- Apnea-hypopnea index, comparison of oxygen therapy with nasal continuous positive airway pressure on Cheyne-Stokes respiration during sleep in congestive heart failure, 1550
- neural network prediction of obstructive sleep apnea from clinical criteria, 409
- nocturnal efficiency and tolerance of a demand oxygen delivery system in COPD patients with nocturnal hypoxemia, 22
- Apnea, sleep: See Sleep apnea
- Appliances, oral: See Equipment
- ARDS: See Respiratory distress syndrome
- Arms, span, substitution of, for standing height is important for the assessment of predicted value of lung volumes in elderly people with osteoporosis, 1837
- Arousals from sleep: See Sleep; Sleep apnea and subheadings
- Arrhythmia, 83
- Arterial oxygen saturation: See Oxygen
- Arteriovenous fistula, abdominal: See Fistula
- Arteriovenous malformations, 432
- Artery, innominate: See Innominate artery
- Arthritis, rheumatoid, bronchiectasis in systemic diseases, 1063
- Artificial neural networks: See Computers
- Artificial respiration: See Respiration, artificial
- Ascorbate free radicals, 484
- Aspen Lung Conference, 41st Annual Thomas L. Petty Conference: acute lung injury, July Suppl., 1S-127S
- Aspergillosis, allergic bronchopulmonary, effects of itraconazole therapy in, 1665
- in cystic fibrosis: reported prevalence, regional distribution, and patient characteristics, 639
- or bronchopulmonary aspergillosis with asthma: which one is more appropriate? 1844
- Aspiration, continuous, of subglottic secretions, prevention of ventilator-associated pneumonia: does one size fit all? 1155
- continuous, of subglottic secretions, randomized clinical trial of, in cardiac surgery patients, 1339
- impaired swallowing reflex in patients with obstructive sleep apnea syndrome, 17
- intractable, satisfaction of patients treated surgically for, 1251

- lung, percutaneous transthoracic, value and complications of, for the etiologic diagnosis of community-acquired pneumonia, 1716
- Aspiration biopsy: See Biopsy
- Aspirin, delayed traumatic hemothorax on ticlopidine and, for coronary stent, 257
- fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- risks vs benefits in total joint surgery, 843, 844
- Asthma, acute adult, corticosteroids in the emergency department therapy of, 285
- acute, low- vs high-dose inhaled albuterol for the treatment of, 585, 586
- acute severe, effect of heliox in, 296
- airway hyperresponsiveness and symptoms of, in a six-year follow-up study of childhood asthma, 1659
- allergic bronchopulmonary aspergillosis or bronchopulmonary aspergillosis with: which one is more appropriate? 1844
- assessing respiratory resistance without spirometry, 268
- atopic vs nonatopic, difference in airway reactivity in, 619
- bronchial, small airways obstruction syndrome, 231
- case of menstruation-associated: treatment with oral contraceptives, 252
- chronic glucocorticoid therapy-induced osteoporosis in patients with obstructive lung disease, 1733
- comparison of lung function in infants exposed to maternal smoking and in infants with a family history of, 52
- controlled trial of two formulations of cromolyn sodium in the treatment of asthmatic patients  $\geq 12$  years of age, 65
- current outpatient management of, shows poor compliance with international consensus guidelines, 1638
- difficulties with diagnosing, in the elderly, 591
- dull-edged sword of inhaled corticosteroids, 854
- effect of cigarette smoking on exhaled nitric oxide in mild steroid-naïve asthmatics, 59
- effect of long-term salmeterol therapy compared with as-needed albuterol use on airway hyperresponsiveness, 595
- effect of sputum induction on spirometric measurements and arterial oxygen saturation, 941
- effects of antireflux surgery on asthmatics with gastroesophageal reflux, 766
- effects of itraconazole therapy in allergic bronchopulmonary aspergillosis, 1665
- evaluation of the effect of a large volume spacer on the systemic bioactivity of fluticasone propionate metered-dose inhaler, 935
- extra fine hydrofluoroalkane-134A beclomethasone aerosols, 841, 842
- fluticasone alone or in combination with salmeterol vs triamcinolone in, 625
- gastroesophageal reflux and respiratory symptoms, 843
- gastroesophageal reflux disease and: the truth is difficult to define, 1150
- gastroesophageal reflux in asthmatics: a double-blind, placebo-controlled crossover study with omeprazole, 1257
- guidelines in pulmonary medicine: a 25-year profile, 1046
- herbalism for the treatment of, 582
- in Chicago, Oct. Suppl. 1, 129S-236S
- IV immunoglobulin for? 267, 268
- method for the standardized offline collection of exhaled nitric oxide, 754
- moderate, health-related quality of life in, 1297
- nocturnal cortisol secretion in asthmatic patients after inhalation of fluticasone propionate, 931
- occurrence, recrudescence, and worsening of, in a population of young adults: impact of varying types of occupation, 614
- outcome of, related to workplace irritant exposures, 1780
- pathogenic triad in chronic cough: asthma, postnasal drip syndrome, and gastroesophageal reflux disease, 279
- pathogenic triad in chronic cough: postnasal drip syndrome, gastroesophageal reflux disease, and, 279
- patients and normal subjects, analysis of tracheal sounds during forced exhalation in: bronchodilator response effect, 633
- persistent, chlorofluorocarbon-free triamcinolone acetonide [for] adults with, route of breathing in inpatients with, 1646
- salmeterol, inhaled corticosteroids, and tolerance to allergen bronchoprotection, 1497
- serum eosinophil cationic protein and bronchial responsiveness in pediatric and adolescent patients, 301
- steroids in acute exacerbation of: how do we grade the evidence? 273; erratum, 1499
- underdiagnosis and undertreatment of, in the elderly, 603
- we need to do better! 1509
- Atelectasis, 789
- Atherosclerosis Risk in Communities Study, 150
- Atmospheric pressure changes and outdoor temperature changes in relation to spontaneous pneumothorax, 676
- Atrial fibrillation, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- Atrial natriuretic peptide, 861
- Atrium, pulmonary tumor embolism from primary cardiac B-cell lymphoma, 1489
- right, noninvasive estimation of right-sided pressures from spectral Doppler recordings of tricuspid and pulmonic regurgitant velocities, 1
- right pneumothorax resulting from an endocardial screw-in atrial lead, 1133
- Authors, *CHEST* at the millennium, 1501
- quality of writing in manuscripts, 1494
- Autoimmune hemolytic anemia: See Anemia, hemolytic, autoimmune
- Automobiles, intentional carbon monoxide poisoning, 586
- Autopsy, 1709
- Azathioprine, 721
- B-cells, primary cardiac lymphoma, pulmonary tumor embolism from, 1489
- Babesiosis, 222
- Bacilli, acid-fast: See Acid-fast bacilli
- Bacillus anthracis*, 1369
- Bacteremia, blood cultures have limited value in predicting severity of illness and as a diagnostic tool in ventilator-associated pneumonia, 1075
- clinical host response to microbial infection in medical patients with fever, 380
- community-acquired pneumonia in an immunocompetent adult due to *Burkholderia cepacia*, 1842
- pneumococcal pneumonia in HIV-seropositive and HIV-seronegative adults, 107
- Bacteria, relationship between flora in sputum and functional impairment in patients with acute exacerbations of COPD, 40
- Bacterial infections, inhalational anthrax, 1369
- role of different routes of tracheal colonization in the development of pneumonia in patients receiving mechanical ventilation, 462
- young man with two large lung masses, 814
- Bactericidal permeability increasing protein, 1233
- Balloon angioplasty: See Angioplasty
- Balloon counterpulsation, intra-aortic, worsening hypotension in a 60-year-old man requiring, 801
- Balloon dilatation, advances in bronchoscopic procedures, 1403
- Balloon valvulotomy, percutaneous mitral: See Valvulotomy
- Balloons, mylar, method for the standardized offline collection of exhaled nitric oxide, 754
- Bayesian analysis, 97
- Beclomethasone, aerosols, extra fine hydrofluoroalkane-134A: selecting an optimal inhaled steroid for an individual patient, 841, 842
- dipropionate, 400  $\mu$ g hydrofluoroalkane vs 800  $\mu$ g chlorofluorocarbon: health-related quality of life in moderate asthma, 1297
- dipropionate, salmeterol, inhaled corticosteroids, and tolerance to allergen bronchoprotection, 1497
- Beepers: See Paging systems
- Benzalkonium chloride, 585, 586



- $\beta$ -adrenergic agents: See Adrenergic agents,  $\beta$
- $\beta$ -glucan, fungal, can yield false-positive results with the limulus amoebocyte lysate endotoxin assay, 583, 584
- beta-lactam antibiotics, aerosolized, in cystic fibrosis, 775
- Bias, statistical: See Statistics
- Bilevel positive airway pressure (BiPAP): See Positive airway pressure
- Bioimpedance, bias and precision in noninvasive monitoring, 1140
- Biopsy, accuracy of the clinical diagnosis of new-onset idiopathic pulmonary fibrosis and other interstitial lung disease: a prospective study, 1168
- advances in bronchoscopic procedures, 1403
- needle, repeated ultrasonically guided, of small subpleural nodules, 1320
- percutaneous transthoracic needle, primary pulmonary AIDS-related lymphoma, 1282
- value and complications of percutaneous transthoracic lung aspiration for the etiologic diagnosis of community-acquired pneumonia, 1716
- value of transbronchial needle aspiration in the diagnosis of peripheral pulmonary lesions, 704
- BiPAP (bilevel positive airway pressure): See Positive airway pressure
- Blacks, incidence of acute pulmonary embolism in a general hospital: relation to age, sex, and race, 909
- relationship between polymorphisms in the endothelial cell nitric oxide synthase gene and the platelet GPIIb gene with myocardial infarction and venous thromboembolism in African Americans, 880
- Blast injuries: See Lung injury
- Bleomycin, drugs and the pleura, 212
- Blood: See also Anticoagulants; clots, endobronchial, streptokinase for, 587
- coagulation, risks vs benefits in total joint surgery, 843, 844
- cultures for community-acquired pneumonia: no place to skimp! 1153
- cultures have limited value in predicting severity of illness and as a diagnostic tool in ventilator-associated pneumonia, 1075
- cultures, impact of, on antibiotic therapy in pneumococcal pneumonia, 1278
- cultures remain useful: nosocomial pneumonia, 859
- exhaled carbon monoxide levels elevated in diabetes and correlated with glucose concentration in: a new test for monitoring the disease? 1007
- is anti-topoisomerase I a serum marker of pulmonary involvement in systemic sclerosis? 715
- penetration of ceflitibuten into the respiratory tract, 369
- serum eosinophil cationic protein and bronchial responsiveness in pediatric and adolescent asthma patients, 301
- significance of serum vs tissue levels of antibiotics in the treatment of penicillin-resistant *Streptococcus pneumoniae* and community-acquired pneumonia: are we looking in the wrong place? 535
- transfusion: first, do no harm! 1149
- transfusions, impact of, on inflammatory mediator release in patients undergoing cardiac surgery, 1233
- Blood gas analysis, exercise limitation testing, 1141
- prediction of obstructive sleep apnea in obese patients, 1537
- Blood pressure, relationship of arousals from sleep to sympathetic nervous system activity and, in obstructive sleep apnea, 655
- response to the Valsalva maneuver, is [it] related to neurohormones, exercise capacity, and clinical findings in heart failure? 861
- worsening hypotension in a 60-year-old man requiring intra-aortic balloon counterpulsation, 801
- Board review question of the month: See ACCP-SEEK board review question of the month
- Body cavity-based lymphoma: See Lymphoma
- Body height, physical development of surgically treated patients with primary spontaneous pneumothorax, 899
- primary spontaneous pneumothorax detected during a medical checkup, 847
- right pneumothorax resulting from an endocardial screw-in atrial lead, 1133
- standing, substitution of arm span for, is important for the assessment of predicted value of lung volumes in elderly people with osteoporosis, 1837
- Body mass index, declining bone mass in men with chronic pulmonary disease: contribution of glucocorticoid treatment, gonadal function, and, 1616
- impact of nutritional status on the outcome of lung volume reduction surgery: a prospective study, 693
- primary spontaneous pneumothorax detected during a medical checkup, 847
- sleep supine position has a major effect on optimal nasal continuous positive airway pressure: relationship with rapid eye movements and non-rapid eye movements sleep, respiratory disturbance index, age, and, 1000
- Body position: See Posture
- Body weight: See Obesity; Weight
- Bone, chronic glucocorticoid therapy-induced osteoporosis in patients with obstructive lung disease, 1733
- mass, declining, in men with chronic pulmonary disease: contribution of glucocorticoid treatment, body mass index and gonadal function, 1616
- osteosarcoma of, endobronchial metastasis from: treatment with intraluminal radiotherapy, 1811
- Bone marrow transplantation, lung function in survivors of childhood acute lymphoblastic leukemia, 1163
- mechanical ventilation in hematopoietic stem cell transplant patients: is there need for reevaluation? 857
- mechanical ventilation in hematopoietic stem cell transplantation: can we effectively predict outcomes? 1012
- Borg scales, 1208
- Borrelia burgdorferi*, 222
- Bouros, Demosthenes, new *CHEST* editorial board members, 9
- Bowel, bronchiectasis in systemic diseases, 1063
- Brachiocephalic trunk, 837
- Brachytherapy, advances in bronchoscopic procedures, 1403
- Brain, death, 37-year-old man with severe head trauma, and a "hot nose" sign on brain flow study, 1468
- lower pulmonary function and cerebral subclinical abnormalities detected by MRI: The Atherosclerosis Risk in Communities Study, 150
- Breast neoplasms, 760
- "Breathing bag" sign, tracheoesophageal fistula following blunt chest trauma: diagnosis in the ICU, 267
- Breathing: See Respiration; Work of breathing
- Breathlessness, 1208
- Bromocriptine, drugs and the pleura, 212
- Bronchi: See also Airway; management of aortobronchial fistula with an aortic stent-graft, 255
- pathogenic triad in chronic cough: asthma, postnasal drip syndrome, and gastroesophageal reflux disease, 279
- streptokinase for endobronchial blood clots, 587
- Bronchial hyperreactivity: See Airway
- Bronchial neoplasms, hemoptysis and dyspnea in a 67-year-old man with a normal chest radiograph, 803
- metastasis from osteosarcoma of bone: treatment with intraluminal radiotherapy, 1811
- Richter's transformation presenting as an obstructing endobronchial lesion, 832
- Bronchial provocation, bronchial hyperreactivity in patients with mitral stenosis before and after successful percutaneous mitral balloon valvulotomy, 1582
- difference in airway reactivity in children with atopic vs nonatopic asthma, 619
- effect of long-term salmeterol therapy compared with as-needed albuterol use on airway hyperresponsiveness, 595
- effect of mild hypoxia on airway responsiveness to methacholine in subjects with airway hyperresponsiveness, 1653
- Bronchial stenosis, manifestations of relapsing polychondritis, 1669
- Bronchial (endobronchial) stents: See Stents
- Bronchial wall, 1194
- Bronchiectasis, clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521

- in systemic diseases, 1063
- specific antibody response against the 23-valent pneumococcal vaccine in patients with  $\alpha_1$ -antitrypsin deficiency with and without, 946
- Bronchiolitis, obliterans syndrome, can [it] be diagnosed by phone from the comfort of home? 5
- obliterative, cytomegalovirus prophylaxis with IV ganciclovir in lung transplant recipients: the long and short of it! 1152
- obliterative, recent advances in pulmonary imaging, 1388
- rabbit antithymocyte globulin decreases acute rejection after lung transplantation: results of a randomized, prospective study, 127
- staging of, using home spirometry, 120
- Bronchitis, chronic, clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure, 521 chronic, microsatellite DNA instability in COPD, 47
- chronic, trends in the epidemiology of COPD in Canada, 1980 to 1995, 306
- in vitro* comparison of the mucoactive properties of guaifenesin, iodinated glycerol, surfactant, and albuterol, 195
- respiratory symptoms and farming practices in farmers associated with an acute febrile illness after organic dust exposure, 1452
- Bronchoalveolar lavage, assessment of hazardous dust exposure by induced sputum and, vol. 115:1720; clarification, vol. 116:588
- blood cultures have limited value in predicting severity of illness and as a diagnostic tool in ventilator-associated pneumonia, 1075
- gemcitabine toxicity, 1491
- nosocomial pneumonia: blood cultures remain useful, 859
- Bronchoconstriction, difference in airway reactivity in children with atopic vs nonatopic asthma, 619
- route of breathing in inpatients with asthma, 1646
- Bronchodilators, comparison of lung function in infants exposed to maternal smoking and in infants with a family history of asthma, 52
- corticosteroids in the emergency department therapy of acute adult asthma, 255
- low- vs high-dose inhaled albuterol for the treatment of acute asthma, 585, 586
- response effect: analysis of tracheal sounds during forced exhalation in asthma patients and normal subjects, 633
- Bronchopleural fistula: See Fistula
- Bronchoprovocation: See Bronchial provocation
- Bronchopulmonary aspergillosis: See Aspergillosis
- Bronchoscopy, fiberoptic, percutaneous dilational tracheostomy kits, 1498
- penetration of cefibuten into the respiratory tract, 369
- procedures, advances in, 1403
- value of transbronchial needle aspiration in the diagnosis of peripheral pulmonary lesions, 704
- virtual, advances in bronchoscopic procedures, 1403
- virtual, recent advances in pulmonary imaging, 1388
- Bronchoscopy (Feature), amniotic agents in pediatric bronchoscopy, 1802
- downward trends in bronchoscopies performed between 1991 and 1997, 235
- effect of music on state anxiety scores in patients undergoing fiberoptic bronchoscopy, 819
- Nd-YAG laser vs bronchoscopic electrocautery for palliation of symptomatic airway obstruction: a cost-effectiveness study, 1108
- Bronchospasm, 775
- Bronchus, tracheal, 1125
- Budesonide, inhaled, oral prednisolone followed by, in newly diagnosed pulmonary sarcoidosis, 424
- Bulla, giant, development of, after lung volume reduction surgery, 1809
- Bullectomy, thoracoscopy: window to the pleural space, 1409
- Bullous pustules, hand, in a patient treated for lung cancer, 549
- Burkholderia cepacia*, 1842
- C-reactive protein, 1233
- Canada, significance of the persistent presence of acid-fast bacilli in sputum smears in pulmonary tuberculosis, 726
- trends in the epidemiology of COPD in, 1980 to 1995, 306
- Cancer: See Neoplasms
- Capillaritis, pulmonary, diffuse alveolar hemorrhage and, due to propylthiouracil, 1485
- Capnography, advances in respiratory monitoring during mechanical ventilation, 1416
- neural network analysis of the volumetric capnogram to detect pulmonary embolism, 1325
- tonometry monitoring of tissue perfusion and oxygenation, 1839
- Captopril, lowers coronary venous free radical concentration after direct current cardiac shocks, 484
- Carbon dioxide: See also Hypercapnia; tonometry monitoring of tissue perfusion and oxygenation, 1839
- Carbon monoxide, diffusing capacity, is anti-topoisomerase I a serum marker of pulmonary involvement in systemic sclerosis? 715
- exhaled, levels elevated in diabetes and correlated with glucose concentration in blood: a new test for monitoring the disease? 1007
- intentional poisoning, 586
- Carboxyhemoglobin, intentional carbon monoxide poisoning, 586
- Carcinoid, diagnostic and therapeutic dilemma, 1142
- related intrapulmonary shunting may be associated with increased production of nitric oxide, 1838
- Carcinoma, adenoid cystic, of the trachea, successful management of, by laser and irradiation, 269
- conditional survival among patients with carcinoma of the lung, 697
- of the lung, conditional survival among patients with, 697
- platelet-derived endothelial cell growth factor/thymidine phosphorylase concentrations differ in small cell and non-small cell lung cancer, 206
- squamous cell, "diagnostic" pulmonary function tests, 587
- video-assisted thoracic surgical non-rib spreading simultaneously stapled lobectomy: a more patient-friendly oncologic resection, 1119
- Cardiac...: See also headings beginning with Heart
- Cardiac denervation: See Dobutamine
- Cardiac images (Feature), multiple coronary aneurysms in a case of systemic lupus erythematosus, 1116
- Cardiac output, 1140
- Cardiac tamponade, bloody pericardial effusion in patients with: is the etiology cancerous, tuberculous or iatrogenic in the 1990's? 1564
- can pleural effusions cause? 1820
- characteristics of significant pericardial effusions following cardiothoracic surgery and outcomes of echo-guided pericardiocentesis for management, 322
- pericardiocentesis: blind no more! 275
- Cardiokymography, 1442
- Cardiology, primary care or, for heart failure in the community setting, 346
- Cardiology practice today, transesophageal echocardiography in the diagnosis of diseases of the thoracic aorta: part 1. aortic dissection, aortic intramural hematoma and penetrating atherosclerotic ulcer of the aorta, 1772
- Cardiopulmonary bypass, acute pulmonary edema after lung transplantation: the pulmonary reimplantation response, 187
- complement activation in coronary artery bypass grafting patients without, 892
- determinants of aortic pressure variation during positive-pressure ventilation in man, 176
- experimental orthotopic heart and bilateral lung transplantation completed without, 1360
- Cardiopulmonary disease, clinical problems in, clinical conference on management dilemmas: bullous hand pustules in a patient treated for lung cancer, 549
- clinical conference on management dilemmas: obstructive sleep apnea and respiratory failure, 1786
- management of acute myocardial infarction with hypotension, 1464
- Cardiopulmonary evaluation and management, perioperative: are we ignoring obstructive sleep apnea syndrome? 1843
- Cardiopulmonary exercise testing: See Exercise

- Cardiopulmonary medicine, ethics in, intubation and mechanical ventilation for COPD: development of an instrument to elicit patient preferences, 792
- Cardiovascular agents, drugs and the pleura, 212
- Cardiovascular diseases: See Cardiovascular system
- Cardiovascular Health Study, 603
- Cardiovascular surgery: See Heart surgery; Surgery: names of specific types of surgery, *e.g.*, Coronary artery bypass
- Cardiovascular system, cardiopulmonary exercise testing as a screening test for perioperative management of major surgery in the elderly, 355
- nuclear magnetic resonance spectroscopy: its role in providing valuable insight into diverse clinical problems, 1434
- relationship between polymorphisms in the endothelial cell nitric oxide synthase gene and the platelet GPIIb gene with myocardial infarction and venous thromboembolism in African Americans, 880
- thoracoscopy: window to the pleural space, 1409
- Cardioversion, 484
- Catamenial pneumothorax: See Pneumothorax
- Catecholamines, carcinoid—a diagnostic and therapeutic dilemma, 1142
- Catheters, characteristics of significant pericardial effusions following cardiothoracic surgery and outcomes of echo-guided pericardiocentesis for management, 322
- pulmonary artery, and esophageal Doppler monitoring in the ICU, 1085
- tension pneumoperitoneum associated with a pleural-peritoneal shunt, 827
- Cationic protein: See Eosinophil cationic protein
- CD4 cells, 848
- Ceftibuten, penetration of, into the respiratory tract, 369
- Ceftriaxone, blood cultures for community-acquired pneumonia, 1153
- Celiac disease, bronchiectasis in systemic diseases, 1063
- Central nervous system, 115
- Central venous pressure, 1354
- Cephalosporins, impact of blood cultures on antibiotic therapy in pneumococcal pneumonia, 1278
- inhalational anthrax, 1369
- Cerebral infarction, 150
- Cerebral perfusion, retrograde: See Heart surgery
- Cerebrum: See Brain
- Chagas disease, megaesophagus, 837
- Chart reminders: See Medical records
- Chemistry, xinafoic acid is not a solvent for salmeterol, 1138
- Chemotherapy: See Drug therapy
- CHEST, at the millennium, 1501
- new editorial board members, 9
- quality of writing in manuscripts, 1494
- CHEST 1999: See Meetings
- Chest, characteristics of significant pericardial effusions following cardiothoracic surgery and outcomes of echo-guided pericardiocentesis, 322
- [intrathoracic pressure] determinants of aortic pressure variation during positive-pressure ventilation in man, 176
- pain, mediastinal lymphadenitis due to cryptococcal infection in HIV-positive patients, 848
- pain, persistent, 64-year-old man enters the ICU with hypotension and pulmonary edema associated with, 1459
- pain, young man with two large lung masses, 814
- trauma, blunt, tracheoesophageal fistula following: diagnosis in the ICU—the “breathing bag” sign, 267
- trauma, thoracoscopy: window to the pleural space, 1409
- Chest radiography: See Radiography
- Chest tubes: See Drainage; Intubation
- Chest x-rays: See Radiography; Roentgenogram of the month
- Cheyne-Stokes respiration, 1550
- Chicago, asthma in, Oct. Suppl. 1, 129S-236S
- Children: See also Infants: airway hyperresponsiveness and symptoms of asthma, 1659
- asymptomatic myocarditis in schoolchildren, 340
- chylothorax in: guidelines for diagnosis and management, 682
- difference in airway reactivity in, with atopic vs nonatopic asthma, 619
- endoscopic evaluation of the esophagus in infants and, immediately following intraoperative use of transesophageal echocardiography, 1247
- fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from CHEST 1998; 114(suppl):439S-769S [Oct. Insert])
- lung function in survivors of childhood acute lymphoblastic leukemia, 1163
- noninvasive positive-pressure ventilation facilitates tracheal extubation after laryngotracheal reconstruction in, 260
- physical development of surgically treated patients with primary spontaneous pneumothorax, 899
- prognosis in pediatric idiopathic pulmonary hemosiderosis, 721
- propofol containing sulfite—potential for injury, 1140
- serum eosinophil cationic protein and bronchial responsiveness, 301
- unilateral leptospiral pneumonia and cold agglutinin disease, 830
- with cystic fibrosis, lymphocyte glutathione levels in, 201
- China, snoring and sleep-disordered breathing, 1530
- Chlorofluorocarbons, beclomethasone dipropionate, 800 µg, vs 400 µg hydrofluoroalkane beclomethasone dipropionate, 1297
- controlled trial of two formulations of cromolyn sodium in the treatment of asthmatic patients ≥ 12 years of age, 65
- free triamcinolone acetone inhalation aerosol [for] adults with persistent asthma, 1304
- Chronic heart failure: See Heart failure
- Chronic obstructive pulmonary diseases: See Pulmonary diseases, chronic obstructive
- Churg-Strauss syndrome, eosinophilia in Wegener's granulomatosis, 1480
- zafirlukast and, 266
- Chylothorax in children, 682
- thoracoscopy: window to the pleural space, 1409
- Cigarette smoking: See Smoking
- Circulatory arrest, hypothermic: See Heart surgery
- Cisplatin, mitomycin, and interferon-α2a combinations in the treatment of diffuse malignant pleural mesothelioma, 391
- multimodality treatment of malignant superior vena caval syndrome, 835
- Clarithromycin, multicenter study of grepafloxacin and, treatment of community-acquired pneumonia, 974
- Cleveland Clinic Foundation, 447
- Clinical investigations in critical care: See Critical care, clinical investigations in
- Clinical trials: See Research
- Clofazimine, effect of hemodialysis on, 984
- Clozapine, drugs and the pleura, 212
- Cognition, relationships among pulmonary function, aerobic fitness, and cognitive functioning in older COPD patients, 953
- Cold agglutinin disease, unilateral leptospiral pneumonia and, 830
- Cold dry air challenge, 301
- Colistin, use in cystic fibrosis, 775
- Colitis, ulcerative, bronchiectasis in systemic diseases, 1063
- College, ACCP medical personnel services, Jul. pp. A-20ff; Aug. pp. A-16ff; Sept. pp. A-19ff; Oct. pp. A-16ff; Nov. pp. A-24ff; Dec. pp. A-16ff
- Colorado tick fever, 222
- Coma, 37-year-old man with severe head trauma, and a “hot nose” sign on brain flow study, 1468
- Commerce, draft oxygen, 589
- Complement activation in coronary artery bypass grafting patients without cardiopulmonary bypass, 892
- Compliance: See Patient compliance
- Complications: See Drug reactions; Postoperative complications; Pulmonary complications
- Compression, pneumatic: See Pneumatic compression
- Computers, CHEST at the millennium, 1501
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- neural network analysis of the volumetric capnogram to detect pulmonary embolism, 1325
- neural network prediction of obstructive sleep apnea from clinical criteria, 409

- predicting active pulmonary tuberculosis using an artificial neural network, 965
- recent advances in pulmonary imaging, 1388
- Conditional survival: See Survival
- Congenital defects: See Abnormalities
- Consensus conferences, clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521
- fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- use of aerosolized antibiotics in patients with cystic fibrosis, 775
- Consensus statements, guidelines in pulmonary medicine: a 25-year profile, 1046
- Continuous positive airway pressure: See Positive airway pressure
- Contraceptives, oral, menstruation-associated asthma, 252
- Contrast media, induced coronary vasodilation, 1039
- COPD: See Pulmonary diseases, chronic obstructive
- Coronary artery, angioplasty, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- delayed traumatic hemothorax on ticlopidine and aspirin for, 257
- multiple aneurysms in a case of systemic lupus erythematosus, 1116
- spontaneous dissection of three major coronary arteries subsequent to cystic medial necrosis, 1473
- vascular resistance, effect of contrast media on: contrast-induced coronary vasodilation, 1039
- Coronary artery bypass graft, complement activation in patients without cardiopulmonary bypass, 892
- fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- saphenous vein graft infection: a fatal complication of postoperative mediastinitis, 1816
- surgery, factors associated with health indicators in patients undergoing, 1570
- vascular endothelial growth factor in pleural fluid, 760
- Coronary disease, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- in potential lung transplant recipients > 50 years old: the role of coronary intervention, 874
- lessons learned from studies of the standard exercise ECG test, 1442
- recovery kinetics of oxygen uptake and heart rate in patients with, and heart failure, 808
- safety profile and hemodynamic responses to  $\beta$ -adrenergic stimulation by dobutamine in heart transplant patients, 1587
- Coronary vein, captopril lowers coronary venous free radical concentration after direct current cardiac shocks, 484
- Corticosteroids, airway obstruction in bronchial sarcoidosis: outcome with treatment, 1194
- chlorofluorocarbon-free triamcinolone acetonide inhalation aerosol [for] adults persistent asthma, 1304
- drugs and the pleura, 212
- effect of cigarette smoking on exhaled nitric oxide in mild steroid-naïve asthmatics, 59
- evaluation of the effect of a large volume spacer on the systemic bioactivity of fluticasone propionate metered-dose inhaler, 935
- extra fine hydrofluoroalkane-134A beclomethasone aerosols: selecting an optimal inhaled steroid for an individual patient, 841, 842
- fluticasone alone or in combination with salmeterol vs triamcinolone in asthma, 625
- gemcitabine toxicity, 1491
- in the emergency department therapy of acute adult asthma, 285
- inhaled, dull-edged sword of, 854
- inhaled, salmeterol, tolerance to allergen bronchoprotection, and, 1497
- oral prednisolone followed by inhaled budesonide in newly diagnosed pulmonary sarcoidosis, 424
- steroids in acute exacerbation of asthma: how do we grade the evidence? 273; erratum, 1499
- underdiagnosis and undertreatment of asthma in the elderly, 603
- Cortisol, 854, 931
- Cost-effectiveness, apples and oranges: flaws and guffaws, 1137, 1138
- Nd-YAG laser vs bronchoscopic electrocautery for palliation of symptomatic airway obstruction, 1108
- reengineering respiratory support following extubation: avoidance of critical care unit costs, 1025
- risks vs benefits in total joint surgery, 843, 844
- Costs, blood cultures for community-acquired pneumonia: no place to skimp! 1153
- downward trends in bronchoscopies performed between 1991 and 1997, 238
- draft oxygen, 589
- four-year experience with a unit for long-term ventilation (respiratory special care unit), 447
- impact of blood cultures on antibiotic therapy in pneumococcal pneumonia, 1278
- prolonged cytomegalovirus prophylaxis to cover the enhanced immunosuppression phase following lung transplantation, 1265
- research in developing countries, 585
- risks vs benefits in total joint surgery, 843, 844
- screening of tuberculosis: is it a real prediction model? 1841
- technology introduction in critical care: just knowing the price is not enough! 1092
- Cough, chronic, pathogenic triad in: asthma, postnasal drip syndrome, and gastroesophageal reflux disease, 279
- chronic, role of sinus imaging in the treatment of, in adults, 1287
- farmers with an acute febrile illness after organic dust exposure, 1452
- persistent, a 35-year-old man with fever, sore throat, and, 248
- 74-year-old man with chronic lymphocytic leukemia, lung mass, and, 1798
- 27-year-old woman with dyspnea, wheezing, and, 557
- Counterpulsation, balloon: See Balloon counterpulsation
- CPAP: See Positive airway pressure, continuous
- Critical care, mechanical ventilation in hematopoietic stem cell transplant patients: is there need for reevaluation? 857
- physician's personal odyssey: liver transplantation, 789
- pulmonary artery catheterization and esophageal Doppler monitoring in the ICU, 1085
- 64-year-old man enters the ICU with hypotension and pulmonary edema associated with persistent chest pain, 1459
- surgical ICU recidivism after cardiac operations, 688
- technology introduction in: just knowing the price is not enough! 1092
- tracheoesophageal fistula following blunt chest trauma: diagnosis in the ICU—the "breathing bag" sign, 267
- Critical care (Feature), blood cultures have limited value in predicting severity of illness and as a diagnostic tool in ventilator-associated pneumonia, 1075
- Critical care, clinical investigations in, acute pulmonary edema after lung transplantation: the pulmonary reimplantation response, 187
- determinants of aortic pressure variation during positive-pressure ventilation in man, 176
- differences in the response times of pages originating from the ICU, 1019
- dobutamine in severe scorpion envenomation: effects on standard hemodynamics, right ventricular performance, and tissue oxygenation, 748
- electrical impedance tomography in the assessment of extravascular lung water in non-cardiogenic acute respiratory failure, 1695
- evaluation of the cuff-leak test in a cardiac surgery population, 1029
- four-year experience with a unit for long-term ventilation (respiratory special care unit) at the Cleveland Clinic Foundation, 447
- hand washing and use of gloves while managing patients receiving mechanical ventilation in the ICU, 172



- high-frequency percussive ventilation improves oxygenation in patients with ARDS, 440
- hyperlactatemia and pulmonary lactate production in patients with fulminant hepatic failure, 471
- interobserver variability in applying a radiographic definition for ARDS, 1347
- lack of influence of gender on outcomes of mechanically ventilated medical ICU patients, 732
- mechanical ventilation in hematopoietic stem cell transplantation: can we effectively predict outcomes? 1012
- percutaneous transtracheal jet ventilation: a fast, quick, and temporary way to provide oxygenation and ventilation when conventional methods are unsuccessful, 1689
- persistent preload defect in severe sepsis despite fluid loading: a longitudinal echocardiographic study in patients with septic shock, 1354
- predicting 3-day and 7-day outcomes of weaning from mechanical ventilation, 456
- pulmonary risk factors compromising postoperative recovery after surgical repair for congenital heart disease, 740
- randomized clinical trial of continuous aspiration of subglottic secretions in cardiac surgery patients, 1339
- recovery from blast lung injury: one-year follow-up, 1683
- reengineering respiratory support following extubation: avoidance of critical care unit costs, 1025
- role of different routes of tracheal colonization in the development of pneumonia in patients receiving mechanical ventilation, 462
- simplified prediction rule for prognosis of patients with severe community-acquired pneumonia in ICUs, 157
- use of a ventilatory support system (BiPAP) for acute respiratory failure in the emergency department, 166
- Crohn's disease, bronchiectasis in systemic diseases, 1063
- Cromolyn sodium, two formulations, asthmatic patients, 65
- Cryotherapy, advances in bronchoscopic procedures, 1403
- Cryptococcal infections, mediastinal lymphadenitis due to, in HIV-positive patients, 848
- Cuff-leak test in a cardiac surgery population, 1029
- Cumha, Burke A., new *CHEST* editorial board members, 9
- Cyclophosphamide, drugs and the pleura, 212
- treatment of pulmonary diseases, 1159
- Cycloserine, effect of hemodialysis on, 984
- Cysteine, 201
- Cystic carcinoma, adenoid: See Carcinoma
- Cystic fibrosis, allergic bronchopulmonary aspergillosis in: reported prevalence, regional distribution, and patient characteristics, 639
- clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure (a consensus conference report), 521
- hypoxemia and hypercapnia during exercise and sleep in patients with, 647
- lymphocyte glutathione levels in children with cystic fibrosis, 201
- manipulation of volume vs osmolality in cystic fibrosis lung disease, 1494, 1495
- questioning flutter therapy, 270, 271
- reproducibility of maximal exercise ergometer testing in patients with, 363
- use of aerosolized antibiotics in patients with, 775
- Cystic medial necrosis, spontaneous dissection of three major coronary arteries subsequent to, 1473
- Cysts, pulmonary, as the sole metastatic manifestation of soft tissue sarcoma, 263
- Cytokines, acute lung injury: 41st Annual Thomas L. Petty Aspen Lung Conference, July Suppl., 1S-127S
- proinflammatory, and fibrinolytic enzymes in tuberculous and malignant pleural effusions, 1292
- Cytology, should a cytologic study be ordered in transudative pleural effusions? 1836
- transudative pleural effusions, 846
- Cytomegalovirus prophylaxis, to cover the enhanced immunosuppression phase following lung transplantation, 1265
- prophylaxis with IV ganciclovir in lung transplant recipients: the long and short of it! 1152
- Cytoplasmic antineutrophil cytoplasmic antibody: See Antineutrophil cytoplasmic antibodies
- D-penicillamine, drugs and the pleura, 212
- Dantrolene, drugs and the pleura, 212
- Death: See Mortality
- Decision making, intubation and mechanical ventilation for COPD: development of an instrument to elicit patient preferences, 792
- Deep hypothermic circulatory arrest: See Heart surgery
- Deep venous thrombosis: See Thrombosis
- Defibrillation, 484
- Definitions: See Nomenclature
- Dementia, pine oil ingestion: a common cause of poisoning, 1822
- Denervation, cardiac: See Dobutamine
- Developing countries: See International health
- Development, physical: See Children
- Dexfenfluramine, acute effects of, on human and porcine pulmonary vascular tone and resistance, 921
- Diabetes, exhaled carbon monoxide levels elevated in, and correlated with glucose concentration in blood: a new test for monitoring the disease? 1007
- factors associated with health indicators in patients undergoing coronary artery bypass surgery, 1570
- insulin by inhalation? 581
- pulmonary administration of insulin as an aerosol, 581
- nonrevascularized patients, can dobutamine stress echocardiography predict cardiac events in, following acute myocardial infarction? 1224
- Diagnosis: See also Biopsy; Bronchoscopy; Scintigraphy; Sputum; Radiography; Thoracoscopy; Tomography; acute lung injury: 41st Annual Thomas L. Petty Aspen Lung Conference, July Suppl., 1S-127S
- advances in pulmonary laboratory testing, 1377
- assessing the validity of tuberculin skin test readings by trained professionals and patients, 104
- asthma, difficulties with, in the elderly, 591
- can bronchiolitis obliterans syndrome be diagnosed by phone from the comfort of home? 5
- computer-aided, 1388
- "diagnostic" pulmonary function tests, 587
- predicting active pulmonary tuberculosis using an artificial neural network, 968
- underdiagnosis and undertreatment of asthma in the elderly, 603
- valid information from sputum: don't throw out the baby with the bath water, 6
- "won't get fooled again" (by tuberculosis), 856
- Diaphragm, catamenial pneumothorax and its relation to the peritoneal stomata of, 1843
- chronic hernia, 1838
- neural drive to, after lung volume reduction surgery, 1593
- pulmonary risk factors compromising postoperative recovery after surgical repair for congenital heart disease, 740
- reversible unilateral paralysis in pulmonary embolism, 587
- Diastole, determinants of aortic pressure variation during positive-pressure ventilation in man, 176
- noninvasive estimation of pulmonary artery diastolic pressure in patients with tricuspid regurgitation by Doppler echocardiography, 73
- noninvasive estimation of right-sided pressures from spectral Doppler recordings of tricuspid and pulmonic regurgitant velocities, 1
- Diatrizoate meglumine 66%, diatrizoate sodium 10%, effect of contrast media on coronary vascular resistance, 1039
- DiBenedetto, Robert J., new *CHEST* editorial board members, 9
- Dichlorofluoromethane, 1304
- Diet, milk-free, prognosis in pediatric idiopathic pulmonary hemosiderosis, 721
- Diethylenetriamine pentaacetate (DTPA), acute paraquat intoxication: using nuclear pulmonary studies to predict patient outcome, 709
- Diffusing capacity of the lung: See Carbon monoxide, diffusing capacity



- Digital imaging, recent advances in pulmonary imaging, 1388
- Dissectomy, transthoracic, 584, 585
- DNA, air sampling for tuberculosis—homage to the lowly guinea pig, 1143, 1144
- microsatellite, instability in COPD, 47
- Dobutamine, in severe scorpion envenomation: effects on standard hemodynamics, right ventricular performance, and tissue oxygenation, 748
- safety profile and hemodynamic responses to  $\beta$ -adrenergic stimulation by, in heart transplant patients, 1587
- stress echocardiography, can [it] predict cardiac events in nonrevascularized diabetic patients following acute myocardial infarction? 1224
- Dogs, captopril lowers coronary venous free radical concentration after direct current cardiac shocks, 484
- experimental orthotopic heart and bilateral lung transplantation completed without cardiopulmonary bypass, 1360
- Doppler echocardiography, noninvasive estimation of pulmonary artery diastolic pressure in patients with tricuspid regurgitation by, 73
- Doppler, spectral, recordings of tricuspid and pulmonic regurgitant velocities, noninvasive estimation of right-sided pressures from, 1
- Doppler ultrasound: See Ultrasound
- Doxorubicin, treatment of malignant pleural mesothelioma, 504
- Drainage, management of pleural empyema, 845
- unilateral, contralateral tension pneumothorax following, of bilateral pneumothoraces in a heart-lung transplant patient, 1131
- utility of daily therapeutic thoracentesis for the treatment of early empyema, 1703
- Drug reactions, propofol containing sulfite—potential for injury, 1140
- use of aerosolized antibiotics in patients with cystic fibrosis, 775
- Drug resistance, use of aerosolized antibiotics in patients with cystic fibrosis, 775
- Drug therapy, advances in the treatment of malignant pleural mesothelioma, 504
- cisplatin, mitomycin, and interferon- $\alpha$ 2a combination chemoinmunotherapy in the treatment of diffuse malignant pleural mesothelioma, 391
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- multimodality treatment of malignant superior vena caval syndrome, 835
- unfavorable prognosis of patients with stage II non-small cell lung cancer associated with macroscopic nodal metastases, 144
- Drug toxicity, gemcitabine, 1491
- Drugs and the pleura, 212
- approved, off-label use of, 589
- steroids in acute exacerbation of asthma: how do we grade the evidence? 273; erratum, 1499
- DTPA: See Technetium diethylenetriamine pentaacetate
- Duodenal ulcers: See Ulcers
- Dust, hazardous exposure, assessment of, by BAL and induced sputum, vol. 115:1720; clarification, vol. 116:588
- husker days and fever nights: counting cases of organic dust toxic syndrome, 1157
- organic, exposure, respiratory symptoms and farming practices in farmers associated with an acute febrile illness after organic dust exposure, 1452
- Dye dilution, thermal, 1695
- Dyspnea, comparison vs disease severity in indicating the health-related quality of life of patients with COPD, 1632
- delayed traumatic hemothorax on ticlopidine and aspirin for coronary stent, 257
- differentiation index: a new method for the rapid separation of cardiac vs pulmonary dyspnea, 1100
- does aging modify pulmonary tuberculosis? a meta-analytical review, 961
- effect of heliox in acute severe asthma, 296
- exertional, vocal cord dysfunction in patients with, 1676
- hemoptysis and, in a 67-year-old man with a normal chest radiograph, 803
- improvements in lung and respiratory muscle function following lung volume reduction surgery: smaller may be better, but how long does it last? 1507
- 27-year-old woman with cough, wheezing, and, 557
- Ear, use of aerosolized antibiotics in patients with cystic fibrosis, 775
- Echocardiography, characteristics of significant pericardial effusions following cardiothoracic surgery and outcomes of echo-guided pericardiocentesis for management, 322
- continuous monitoring, successful treatment of right heart thromboemboli with IV recombinant tissue-type plasminogen activator during: a case series report, 78
- contrast, pulmonary arteriovenous malformations: patients with hereditary hemorrhagic telangiectasia, 432
- detection and evaluation of asymptomatic myocarditis in schoolchildren: report of four cases, 340
- do no harm, 1147
- dobutamine stress, can [it] predict cardiac events in nonrevascularized diabetic patients following acute myocardial infarction? 1224
- Doppler, noninvasive estimation of pulmonary artery diastolic pressure in patients with tricuspid regurgitation by, 73
- lessons learned from studies of the standard exercise ECG test, 1442
- noninvasive estimation of right-sided pressures from spectral Doppler recordings of tricuspid and pulmonic regurgitant velocities, 1
- pericardiocentesis: blind no more! 275
- persistent preload defect in severe sepsis despite fluid loading, 1354
- predictors of an adverse response to a nifedipine trial in primary pulmonary hypertension: diminished left ventricular size and leftward ventricular septal bowing, 1218
- transesophageal, endoscopic evaluation of the esophagus in infants and children immediately following intraoperative use of, 1247
- transesophageal, in the diagnosis of diseases of the thoracic aorta: part 1. aortic dissection, aortic intramural hematoma and penetrating atherosclerotic ulcer of the aorta, 1772
- Economics: See Costs
- Ectomorphy: See Body height
- Edema, pulmonary: See Pulmonary edema
- Education, cyclophosphamide in the treatment of pulmonary diseases: survey of use, training, and practitioner knowledge base, 1159
- office spirometry: does poor quality render it impractical? 276
- Ehrlichiosis, 222
- Ejection fraction: See Stroke volume
- Elastance: See Lung, elastance
- Elderly: See Age and aging
- Electrical impedance tomography: See Tomography
- Electricity, captopril lowers coronary venous free radical concentration after direct current cardiac shocks, 484
- Electrocardiography, detection and evaluation of asymptomatic myocarditis in schoolchildren: report of four cases, 340
- lessons learned from studies of the standard exercise ECG test, 1442
- multiple coronary aneurysms in a case of systemic lupus erythematosus, 1116
- Electrocautery, advances in bronchoscopic procedures, 1403
- bronchoscopic, Nd-YAG laser vs, for palliation of symptomatic airway obstruction: a cost-effectiveness study, 1108
- Electromyography, relationship of arousals from sleep to sympathetic nervous system activity and BP in obstructive sleep apnea, 655
- Electron beam CT: See Tomography, computed, electron beam
- ELISA: See Enzyme-linked immunosorbent assay
- Emergency department therapy of acute adult asthma, corticosteroids in, 285
- department, use of a ventilatory support system (BiPAP) for acute respiratory failure in the, 166
- differences in the response times of pages originating from the ICU, 1019

- percutaneous transtracheal jet ventilation: a fast, quick, and temporary way to provide oxygenation and ventilation when conventional methods are unsuccessful, 1689
- services, effect of heliox in acute severe asthma, 296
- steroids in acute exacerbation of asthma: how do we grade the evidence? 273; erratum, 1499
- thoracotomy, is [it] always the most appropriate immediate intervention for systemic air embolism after lung trauma? 234
- Emphysema, aerosol-derived airway morphometry and aerosol bolus dispersion in patients with lung fibrosis and, 543
- aging lung and possible animal models, 1145
- $\alpha_1$ -antitrypsin-deficiency, and Wegener's granulomatosis: proteinase-related diseases, 253
- clinical conference on management dilemmas: bullous hand pustules in a patient treated for lung cancer, 549
- clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521
- development of giant bulla after lung volume reduction surgery, 1809
- effect of lung volume reduction surgery on bony thorax in severe COPD, 30
- impact of nutritional status on the outcome of lung volume reduction surgery: a prospective study, 693
- lung function four years after lung volume reduction surgery for, 1608
- microsatellite DNA instability in COPD, 47
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- neural drive to the diaphragm after lung volume reduction surgery, 1593
- pilot study of expiratory flow limitation and lung volume reduction surgery, 1762
- pulmonary, small airways obstruction syndrome, 231
- rationale and design of the National Emphysema Treatment Trial: prospective randomized trial of lung volume reduction surgery, 1750
- recent advances in pulmonary imaging, 1388
- trends in the epidemiology of COPD in Canada, 1980 to 1995, 306
- weight gain after lung volume reduction surgery is not correlated with improvement in pulmonary mechanics, 1601
- Empyema, early, utility of daily therapeutic thoracentesis for the treatment of, 1703
- pleural, management of, 845
- respiratory distress following pneumonectomy, 1461
- thoracoscopy: window to the pleural space, 1409
- Endobronchial stenting: See Stents
- Endocarditis, 1818
- Endometriosis, bronchial, 1063
- Endoscopy, evaluation of the esophagus in infants and children immediately following intraoperative use of transesophageal echocardiography, 1247
- Endothelial cell growth factor, 206
- Endothelial cell nitric oxide synthase gene: See Genetics
- Endothelial cells, pulmonary, patient with high-altitude pulmonary edema, 1129
- Endotoxemia, pulmonary neutrophil accumulation following, 1709
- Endotoxins, fungal  $\beta$ -glucan can yield false-positive results with the limulus amoebocyte lysate endotoxin assay, 583, 584
- Endotracheal intubation: See Intubation
- Energy subtraction radiography: See Radiography
- Environment, atmospheric pressure changes and outdoor temperature changes in relation to spontaneous pneumothorax, 676
- Environmental exposure: See also Occupational exposure; assessment of hazardous dust exposure by BAL and induced sputum, vol. 115:1720; clarification, vol. 116:588
- inhalational anthrax, 1369
- Enzyme-linked immunosorbent assay, 760
- Enzymes, fibrinolytic, proinflammatory cytokines and, in tuberculous and malignant pleural effusions, 1292
- Eosinophil, cationic protein and bronchial responsiveness in pediatric and adolescent asthma patients, 301
- Eosinophilia, drugs and the pleura, 212
- in Wegener's granulomatosis: a case report, 1480
- Epidemiologic Study of Cystic Fibrosis, 639
- Epoprostenol therapy for pulmonary hypertension in Gaucher's disease, 1127
- Epstein-Barr virus, 1273
- Equipment: See also Balloons; Nebulizers; Pacemakers; Stents; Technology; evaluation of variable mandibular advancement appliance for treatment of snoring and sleep apnea, 1511
- protective respirators, 1452
- technology introduction in critical care: just knowing the price is not enough! 1092
- treatment of sleep apnea: unmet needs, 1501
- Ergoline drugs, drugs and the pleura, 212
- Ergometry: See Exercise
- Erythema migrans, 222
- Esophageal neoplasms, multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- Esophagectomy, multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- Esophagus: See also Gastroesophageal reflux; effects of antireflux surgery on asthmatics with gastroesophageal reflux, 766
- endoscopic evaluation of, in infants and children immediately following intraoperative use of transesophageal echocardiography, 1247
- grade IV chagasic megaesophagus and chronic duodenal ulcer, 837
- pulmonary artery catheterization and esophageal Doppler monitoring in the ICU, 1085
- Estrogen, hormone replacement therapy: a possible risk factor in carriers of familial primary pulmonary hypertension, 847
- Ethics, do no harm, 1147
- mechanical ventilation in hematopoietic stem cell transplant patients: is there need for reevaluation? 857
- Ethics in cardiopulmonary medicine (Feature): See Cardiopulmonary medicine, ethics in
- Ethionamide, effect of hemodialysis on, 984
- Exercise, advances in pulmonary laboratory testing, 1377
- aerobic training, effects of, on indices of ventricular repolarization in patients with chronic heart failure, 83
- assessment of health-related quality of life in patients with interstitial lung disease, 1175
- capacity, is blood pressure response to the Valsalva maneuver related to neurohormones, clinical findings and, in heart failure? 861
- emerging concepts in the evaluation of ventilatory limitation during: the exercise tidal flow-volume loop, 488
- ergometer testing, maximal, reproducibility of, in patients with cystic fibrosis, 363
- hypoxemia and hypercapnia during sleep and, in patients with cystic fibrosis, 647
- incidence, prevalence, and severity of sarcoidosis in New York City firefighters, 1183
- induced rise in arterial potassium in patients with chronic heart failure: relation to excessive exercise ventilation, 88
- limitation testing, 1141
- performance, cardiopulmonary, lung function and, after heart transplantation: influence of cardiac allograft vasculopathy, 332
- performance, effects of long-term infusion of prostacyclin on, in patients with primary pulmonary hypertension, 914
- relationships among pulmonary function, aerobic fitness, and cognitive functioning in older COPD patients, 953
- submaximal, comparison of the reproducibility and the sensitivity to change of visual analogue scales, Borg scales, and Likert scales in normal subjects during, 1208
- submaximal, mechanism of overshoot in cardiac function during recovery from, in man, 868
- testing, cardiopulmonary, as a screening test for perioperative management of major surgery in the elderly, 355
- tidal flow-volume analysis of ventilation during: diagnosing the mechanism of ventilatory limitation to exercise during cardiopulmonary exercise testing, 277
- vocal cord dysfunction in patients with exertional dyspnea, 1676

workloads, moderate, physiological response to, in a pulmonary rehabilitation program in patients with varying degrees of airflow obstruction, 1200

Exercise and the heart (Feature), lessons learned from studies of the standard exercise ECG test, 1442

recovery kinetics of oxygen uptake and heart rate in patients with coronary artery disease and heart failure, 808

Expiratory flow, peak: See Peak expiratory flow

Expiratory pressure, negative, 1377

Explosion (blast) injuries: See Lung injury

Extremities: See Arms; Legs

Extubation: See also Intubation; evaluation of the cuff-leak test in a cardiac surgery population, 1029

lack of influence of gender on outcomes of mechanically ventilated medical ICU patients, 732

pulmonary risk factors compromising postoperative recovery after surgical repair for congenital heart disease, 740

reengineering respiratory support following: avoidance of critical care unit costs, 1025

tracheal, noninvasive positive-pressure ventilation facilitates, after laryngotracheal reconstruction in children, 260

wean from the tube not necessarily from the ventilator, 1498

Exudates and transudates, classical, abbreviated, and modified Light's criteria: end of the story? 1833

cytology on transudative pleural effusions, 846

pleurodural fistulas and neurologic manifestations, 584, 585

should a cytologic study be ordered in transudative pleural effusions? 1836

Family: See Children; Infants

Farming: See Agriculture

Fatigue: See Exercise

FDA: See US Food and Drug Administration

Feeding: See Nutrition

FEV: See Forced expiratory volume

Fever, clinical host response to microbial infection in medical patients with, 380

does aging modify pulmonary tuberculosis? a meta-analytical review, 961

51-year-old man with ulnar neuropathy, bilateral pleural effusions, and, 1105

mediastinal lymphadenitis due to cryptococcal infection in HIV-positive patients, 848

respiratory symptoms, farmers with an acute febrile illness after organic dust exposure, 1452

35-year-old man with persistent cough, sore throat, and, 248

Fiberoptic bronchoscopy: See Bronchoscopy

Fibrinolysis, management of pleural empyema, 845

Fibrinolytic enzymes, proinflammatory cytokines and, in tuberculous and malignant pleural effusions, 1292

Firefighters with sarcoidosis: See Sarcoidosis

Fistula, abdominal arteriovenous, pulmonary hypertension in a 45-year-old woman with recurrent deep venous thromboses, 560

aortobronchial, management of, with an aortic stent-graft, 255

bronchopleural, respiratory distress following pneumonectomy, 1461

pleurodural, and neurologic manifestations, 584, 585

tracheoesophageal, following blunt chest trauma: diagnosis in the ICU—the "breathing bag" sign, 267

5-hydroxytryptamine: See Serotonin

Flow-volume analysis, tidal, advances in pulmonary laboratory testing, 1377

of ventilation during exercise, 277

Flow-volume loop, tidal, exercise: emerging concepts in the evaluation of ventilatory limitation during exercise, 488

Fluconazole, mediastinal lymphadenitis due to cryptococcal infection in HIV-positive patients, 848

Fluid, loading, persistent preload defect in severe sepsis despite: a longitudinal echocardiographic study in patients with septic shock, 1354

Fluorescence, advances in bronchoscopic procedures, 1403

Fluoroquinolones, 115

Fluoroscopy, CT, recent advances in pulmonary imaging, 1388

Fluticasone, alone or in combination with salmeterol vs triamcinolone in asthma, 625

propionate, dull-edged sword of inhaled corticosteroids, 854

propionate metered-dose inhaler, evaluation of the effect of a large volume spacer on the systemic bioactivity of, 935

propionate, nocturnal cortisol secretion in asthmatic patients after inhalation of, 931

Flutter therapy, questioning, 270, 271

Food and Drug Administration: See US Food and Drug Administration

Forced expiratory volume: See also Pulmonary function; dull-edged sword of inhaled corticosteroids, 854

dyspnea vs disease severity indicating quality of life of patients with COPD, 1632

nocturnal cortisol secretion in asthmatic patients after inhalation of fluticasone propionate, 931

prolonged air leak following upper lobectomy, 848

relationship between bacterial flora in sputum and functional impairment in patients with acute exacerbations of COPD, 40

small airways obstruction syndrome, 231

staging of bronchiolitis obliterans syndrome using home spirometry, 120

Forced oscillation: See Oscillation

Forced vital capacity: See Vital capacity, forced

Foreign bodies, advances in bronchoscopic procedures, 1403

Foscan (m-THPC): See Photodynamic therapy

*Francisella tularensis*, 222

Free radicals, coronary venous concentration, captopril lowers, after direct current cardiac shocks, 484

Fungal  $\beta$ -glucan can yield false-positive results with the limulus amebocyte lysate endotoxin assay, 583, 584

Fungal infections, allergic bronchopulmonary aspergillosis in cystic fibrosis: reported prevalence, regional distribution, and patient characteristics, 639

disseminated *Pseudallescheria boydii* infection in a nonimmunocompromised host, 572

Ganciclovir, costs and outcomes of prolonged cytomegalovirus prophylaxis to cover the enhanced immunosuppression phase following lung transplantation, 1265

IV, cytomegalovirus prophylaxis with, in lung transplant recipients: the long and short of it! 1152

treatment of malignant pleural mesothelioma, 504

Gangrene, safety of warfarin anticoagulation in patients with heparin-induced thrombocytopenia, 1333

Gas exchange: See Pulmonary gas exchange

Gastroesophageal junction, multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S

Gastroesophageal reflux disease, asthma and: the truth is difficult to define, 1150

effects of antireflux surgery on asthmatics with, 766

in asthmatics: a double-blind, placebo-controlled crossover study with omeprazole, 1257

pathogenic triad in chronic cough: asthma, postnasal drip syndrome, and, 279

respiratory symptoms and, 843

Gastrointestinal system, bronchiectasis in systemic diseases, 1063

clinical host response to microbial infection in medical patients with fever, 380

Gaucher's disease, 1127

Gemcitabine, toxicity, 1491

Gender differences in health: See Men, Women

Gene therapy, treatment of malignant pleural mesothelioma, 504

Generalized regression neural network: See Computer programs

Genetics, comparison of lung function in infants exposed to maternal smoking and in infants with a family history of asthma, 52

hormone replacement therapy: a possible risk factor in carriers of familial primary pulmonary hypertension, 847

microsatellite DNA instability in COPD, 47

- relationship between polymorphisms in the endothelial cell nitric oxide synthase gene and the platelet GPIIb gene with myocardial infarction and venous thromboembolism in African Americans, 880
- Global theme issue: emerging technology in clinical medicine, advances in bronchoscopic procedures, 1403
- advances in pulmonary laboratory testing, 1377
- advances in respiratory monitoring during mechanical nuclear magnetic resonance spectroscopy: its role in providing valuable insight into diverse clinical problems, 1434
- recent advances in pulmonary imaging, 1388
- technologic advances in the treatment of obstructive sleep apnea syndrome, 1426
- ventilation, 1416
- thoracoscopy: window to the pleural space, 1409
- Globulin, rabbit antithymocyte, decreases acute rejection after lung transplantation: results of a randomized, prospective study, 127
- Gloves, hand washing and use of, while managing patients receiving mechanical ventilation in the ICU, 172
- Glucans, fungal  $\beta$ -glucan can yield false-positive results with the limulus amoebocyte lysate endotoxin assay, 583, 584
- Glucocorticoids, effects of itraconazole therapy in allergic bronchopulmonary aspergillosis, 1665
- nocturnal cortisol secretion in asthmatic patients after inhalation of fluticasone propionate, 931
- therapy-induced osteoporosis, chronic, in patients with obstructive lung disease, 1733
- treatment, declining bone mass in men with chronic pulmonary disease: contribution of body mass index, gonadal function, and, 1616
- Glucose, concentration in blood, in diabetes, 1007
- Glutathione, 201
- Glycerol, iodinated, *in vitro* comparison of the mucoactive properties of guaifenesin, surfactant, albuterol, and 195
- Glycolysis, nuclear magnetic resonance spectroscopy, 1434
- Glyphosate, pneumonitis and herbicide exposure, 1139
- Gonadal function, declining bone mass in men with chronic pulmonary disease: contribution of glucocorticoid treatment, body mass index and, 1616
- GPIIb gene: See Genetics
- Grafts, failure, experimental orthotopic heart and bilateral lung transplantation completed without cardiopulmonary bypass, 1360
- lung function and cardiopulmonary exercise performance after heart transplantation: influence of cardiac allograft vasculopathy, 332
- rejection, acute, rabbit antithymocyte globulin decreases, after lung transplantation: results of a randomized, prospective study, 127
- Grain dust: See Dust
- Granulocyte colony-stimulating factor, drugs and the pleura, 212
- Granulomatosis, Wegener's,  $\alpha_1$ -antitrypsin-deficiency emphysema and: proteinase-related diseases, 253
- Wegener's, eosinophilia in: a case report, 1480
- Graves' thyrotoxicosis: See Thyrotoxicosis
- Grepafloxacin, multicenter study of clarithromycin and, in the treatment of patients with community-acquired pneumonia, 974
- Growth factors, platelet-derived endothelial cell, 206
- vascular endothelial, in pleural fluid, 760
- Guaifenesin, *in vitro* comparison of the mucoactive properties of iodinated glycerol, surfactant, albuterol, and, 195
- Guidelines, in pulmonary medicine: a 25-year profile, 1046
- international consensus, current outpatient management of asthma shows poor compliance with, 1638
- [smoking cessation], multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- Guinea pig, air sampling for tuberculosis, 1143, 1144
- Haemophilus influenzae*, 40
- Haiku, stethoscope, 1493
- Hand, bullous pustules in a patient treated for lung cancer, 549
- washing and use of gloves while managing patients receiving mechanical ventilation in the ICU, 172
- Harver, Andrew, new *CHEST* editorial board members, 9
- Head trauma, severe, 37-year-old man with a "hot nose" sign on brain flow study and, 1468
- Health education, asthma in Chicago, Oct. Suppl. 1, 129S-236S
- Heart: See also Atrium; Myocardium; Ventricle; headings beginning with Cardiac; Cardio. . . . block, advanced, as a manifestation of a paraneoplastic syndrome from malignant thymoma, 1135
- can dobutamine stress echocardiography predict cardiac events in nonrevascularized diabetic patients following acute myocardial infarction? 1224
- captopril lowers coronary venous free radical concentration after direct current cardiac shocks, 484
- cardiogenic oscillations on the airflow signal during continuous positive airway pressure as a marker of central apnea, 660
- dyspnea differentiation index: a new method for the rapid separation of cardiac vs pulmonary dyspnea, 1100
- left, acute transient dysfunction, myocardial bridging as a cause of, 574
- mechanism of overshoot in cardiac function during recovery from submaximal exercise in man, 865
- right pneumothorax resulting from an endocardial screw-in atrial lead, 1133
- right, successful treatment of thromboemboli with IV recombinant tissue-type plasminogen activator during continuous echocardiographic monitoring: a case series report, 78
- Heart arrest, advanced heart block as a manifestation of a paraneoplastic syndrome from malignant thymoma, 1135
- carcinoid—a diagnostic and therapeutic dilemma, 1142
- Heart diseases, *CHEST* 1999 scientific highlights: abstracts of original investigations and case reports, October 31–November 4, 1999, Chicago, Illinois, Oct. Suppl., 237S-442S
- congenital, pulmonary risk factors compromising postoperative recovery after surgical repair for, 740
- detection and evaluation of asymptomatic myocarditis in school-children: report of four cases, 340
- retrograde cerebral perfusion as an adjunct to prolonged hypothermic circulatory arrest, 887
- Heart failure, chronic, effects of aerobic exercise training on indices of ventricular repolarization in patients with, 83
- chronic, exercise-induced rise in arterial potassium in patients with: relation to excessive exercise ventilation, 88
- dobutamine in severe scorpion envenomation: effects on standard hemodynamics, right ventricular performance, and tissue oxygenation, 748
- lung function and cardiopulmonary exercise performance after heart transplantation: influence of cardiac allograft vasculopathy, 332
- Heart failure, congestive, cardiology or primary care for, in the community setting, 346
- comparison of oxygen therapy with nasal continuous positive airway pressure on Cheyne-Stokes respiration during sleep in, 1550
- diagnosing, by the Valsalva maneuver: isn't it finally time? 851
- emerging concepts in the evaluation of ventilatory limitation during exercise: the exercise tidal flow-volume loop, 488
- exercise limitation testing, 1141
- is blood pressure response to the Valsalva maneuver related to neurohormones, exercise capacity, and clinical findings in? 861
- recovery kinetics of oxygen uptake and heart rate in patients with coronary artery disease and, 808
- surgical ICU recidivism after cardiac operations, 688
- vascular endothelial growth factor in pleural fluid, 760
- Heart neoplasms, 1489
- Heart rate, recovery kinetics of oxygen uptake and, in patients with coronary artery disease and heart failure, 808
- Heart surgery: See also Coronary artery bypass; characteristics of significant pericardial effusions following cardiothoracic surgery and outcomes of echo-guided pericardiocentesis, 322
- determinants of aortic pressure variation during positive-pressure ventilation in man, 176



- endoscopic evaluation of the esophagus in infants and children immediately following intraoperative use of transesophageal echocardiography, 1247
- evaluation of the cuff-leak test in a cardiac surgery population, 1029
- impact of blood transfusions on inflammatory mediator release in patients undergoing, 1233
- patients, randomized clinical trial of continuous aspiration of subglottic secretions in, 1339
- retrograde cerebral perfusion as an adjunct to prolonged hypothermic circulatory arrest, 887
- surgical ICU recidivism after cardiac operations, 688
- Heart transplantation, contralateral tension pneumothorax following unilateral chest tube drainage of bilateral pneumothoraces in a heart-lung transplant patient, 1131
- exercise limitation testing, 1141
- experimental orthotopic, and bilateral lung transplantation completed without cardiopulmonary bypass, 1360
- lung function and cardiopulmonary exercise performance after: influence of cardiac allograft vasculopathy, 332
- patients [denervation], safety profile and hemodynamic responses to  $\beta$ -adrenergic stimulation by dobutamine in, 1587
- Heart valves, bronchial hyperreactivity in patients with mitral stenosis before and after successful percutaneous mitral balloon valvulotomy, 1582
- fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations [adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert]
- mechanical, physician preferences for perioperative anticoagulation in patients with, who are undergoing elective noncardiac surgery, 1240
- noninvasive estimation of pulmonary artery diastolic pressure in patients with tricuspid regurgitation by Doppler echocardiography, 73
- noninvasive estimation of right-sided pressures from spectral Doppler recordings of tricuspid and pulmonic regurgitant velocities, 1
- Heart ventricles: See Ventricle; Ventricular
- Height: See Body height
- Heliox, effect of, in acute severe asthma, 296
- Hematoma, aortic intramural, 1772
- pericardiocentesis: blind no more! 275
- spontaneous dissection of three major coronary arteries subsequent to cystic medial necrosis, 1473
- 37-year-old man with severe head trauma, and a "hot nose" sign on brain flow study, 1468
- Hematopoietic stem cell transplantation, 857, 1012, Dec. Suppl., 443S-545S
- Hematoporphyrin derivative, treatment of malignant pleural mesothelioma, 504
- Heme oxygenase, 1007
- Hemidiaphragm, elevated, reversible unilateral diaphragmatic paralysis in pulmonary embolism, 587
- Hemodialysis, effect of, on cycloserine, ethionamide, para-aminosalicylate, and clofazimine, 984
- Hemodynamics, bias and precision in noninvasive monitoring, 1140
- experimental orthotopic heart and bilateral lung transplantation completed without cardiopulmonary bypass, 1360
- oxygen delivery in septic shock, 1145
- pulmonary artery catheterization and esophageal Doppler monitoring in the ICU, 1085
- pulmonary hypertension caused by Graves' thyrotoxicosis: normal pulmonary hemodynamics restored by  $^{131}\text{I}$  treatment, 1483
- responses, safety profile and, to  $\beta$ -adrenergic stimulation by dobutamine in heart transplant patients, 1587
- standard, dobutamine in severe scorpion envenomation: effects on right ventricular performance, tissue oxygenation, and 748
- Hemolytic autoimmune anemia: See Anemia, hemolytic, autoimmune
- Hemopericardium, bloody pericardial effusion: clinically significant without intrinsic diagnostic specificity, 1506
- bloody pericardial effusion in patients with cardiac tamponade: is the etiology cancerous, tuberculous or iatrogenic in the 1990's? 1564
- Hemoptysis, does aging modify pulmonary tuberculosis? a meta-analytical review, 961
- dyspnea and, in a 67-year-old man with a normal chest radiograph, 803
- management of aortobronchial fistula with an aortic stent-graft, 255
- Hemorrhage, bloody pericardial effusion: clinically significant without intrinsic diagnostic specificity, 1506
- bloody pericardial effusion in patients with cardiac tamponade: is the etiology cancerous, tuberculous or iatrogenic in the 1990's? 1564
- diffuse alveolar, and pulmonary capillaritis due to propylthiouracil, 1485
- outpatient treatment of deep venous thrombosis, 1492, 1493
- painless left hemorrhagic pleural effusion: an unusual presentation of dissecting ascending aortic aneurysm, 1478
- physician preferences for perioperative anticoagulation in patients with a mechanical heart valve who are undergoing elective noncardiac surgery, 1240
- saphenous vein graft infection: a fatal complication of postoperative mediastinitis, 1816
- Hemorrhagic telangiectasia, hereditary: See Telangiectasia
- Hemosiderosis, pediatric idiopathic pulmonary, prognosis in, 721
- Hemothorax, 257
- Heparin, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations [adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert]
- induced thrombocytopenia, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations, 31
- induced thrombocytopenia, safety of warfarin anticoagulation in patients with, 1333
- low-molecular-weight, for unstable angina, 1833
- low-molecular-weight, perioperative, safety of neuraxial anesthesia in patients receiving, for thromboprophylaxis, 1843
- physician preferences for perioperative anticoagulation in patients with a mechanical heart valve who are undergoing elective noncardiac surgery, 1240
- risks vs benefits in total joint surgery, 843, 844
- treatment descriptions are valuable to clinicians, 1492, 1493
- Hepatic failure: See Liver
- Hepatopulmonary syndrome, 1838
- Herbal remedies, for the treatment of asthma, 582
- Herbicides, acute paraquat intoxication, 709
- exposure [Roundup] and pneumonitis, 1139
- Hereditary hemorrhagic telangiectasia: See Telangiectasia
- Heredity: See Genetics
- Hernia, chronic diaphragmatic, 1838
- Herpes simplex virus thymidine kinase gene, advances in the treatment of malignant pleural mesothelioma, 504
- Hibernating myocardium: See Myocardium
- High-frequency percussive ventilation: See Ventilation
- Hip, risks vs benefits in total joint surgery, 843, 844
- Histamine, 301
- History-taking: See Medical records
- HIV infections: See also Acquired immunodeficiency syndrome; amnestic agents in pediatric bronchoscopy, 1802
- bacteremic pneumococcal pneumonia in HIV-seropositive and HIV-seronegative adults, 107
- coinfection, diagnostic value of pleural fluid adenosine deaminase in tuberculous pleuritis, 97
- mediastinal lymphadenitis due to cryptococcal infection in patients on highly active antiretroviral therapy, 848
- patient with pleural effusion, 1113
- searching for tuberculosis in the pleural space, 3
- "won't get fooled again" (by tuberculosis), 856
- Home, can bronchiolitis obliterans syndrome be diagnosed by phone? 5
- method for the standardized offline collection of exhaled nitric oxide, 754
- obstructive sleep apnea in infants and its management with nasal continuous positive airway pressure, 10
- spirometry, staging of bronchiolitis obliterans syndrome using, 120
- Hong Kong: See China



- Hormones, is blood pressure response to the Valsalva maneuver related to neurohormones, exercise capacity, and clinical findings in heart failure? 861
- replacement therapy: a possible risk factor in carriers of familial primary pulmonary hypertension, 847
- Hospitals, asthma in Chicago, Oct. Suppl. 1, 129S-236S
- cardiology or primary care for heart failure in the community setting, 346
- differences in the response times of pages originating from the ICU, 1019
- prudent restraint use, 843
- surgical ICU recidivism after cardiac operations, 688
- technology introduction in critical care: just knowing the price is not enough! 1092
- trends in the epidemiology of COPD in Canada, 1980 to 1995, 306
- voice from a modern hospital, 1833
- Host response, clinical, to microbial infection in medical patients with fever, 380
- "Hot nose" sign: See Nose
- Humidification, effects of, on nasal symptoms and compliance in sleep apnea patients using continuous positive airway pressure, 403
- Hydralazine, drugs and the pleura, 212
- Hydrocarbons, pine oil ingestion: a common cause of poisoning, 1822
- Hydrofluoroalkane, beclomethasone dipropionate, 400 µg, vs 800 µg chlorofluorocarbon beclomethasone dipropionate: health-related quality of life in moderate asthma, 1297
- chlorofluorocarbon-free triamcinolone acetonide inhalation aerosol [for] adults with persistent asthma, 1304
- controlled trial of two formulations of cromolyn sodium in the treatment of asthmatic patients ≥ 12 years of age, 65
- 134A, beclomethasone aerosols, extra fine: selecting an optimal inhaled steroid for an individual patient, 841, 842
- Hydrogen peroxide, in the lung parenchyma stimulates vagally mediated phrenic activity, 1365
- Hydroxychloroquine, prognosis in pediatric idiopathic pulmonary hemosiderosis, 721
- 5-hydroxytryptamine: See Serotonin
- Hypercapnia, hypoxemia and, during exercise and sleep in patients with cystic fibrosis, 647
- Hypercarbia: See Hypercapnia
- Hyperinflation: See Lung, hyperinflation
- Hyperkalemia, 88
- Hyperlactatemia, pulmonary lactate production and, in patients with fulminant hepatic failure, 471
- Hyperpnea, hydrogen peroxide in the lung parenchyma stimulates vagally mediated phrenic activity, 1365
- Hypersensitivity, allergic bronchopulmonary aspergillosis in cystic fibrosis: reported prevalence, regional distribution, and patient characteristics, 639
- allergic bronchopulmonary aspergillosis or bronchopulmonary aspergillosis with asthma: which one is more appropriate? 1844
- delayed type of, and late allergic reactions in patients with stable COPD, 1625
- effects of itraconazole therapy in allergic bronchopulmonary aspergillosis, 1665
- propofol containing sulfite—potential for injury, 1140
- salmeterol, inhaled corticosteroids, and tolerance to allergen bronchoprotection, 1497
- underdiagnosis and undertreatment of asthma in the elderly, 603
- Hypertension, pulmonary, caused by Graves' thyrotoxicosis: normal pulmonary hemodynamics restored by <sup>131</sup>I treatment, 1483
- continuous intravenous epoprostenol therapy for, in Gaucher's disease, 1127
- in a 45-year-old woman with recurrent deep venous thromboses, 560
- noninvasive estimation of right-sided pressures from spectral Doppler recordings of tricuspid and pulmonic regurgitant velocities, 1
- primary, anastomotic pulmonary hypertension after lung transplantation for: report of surgical correction, 564
- primary, development of nonspecific interstitial pneumonitis associated with long-term treatment of, with prostacyclin, 566
- primary, do no harm, 1147
- primary, echocardiographic predictors of an adverse response to a nifedipine trial in, 1218
- primary, effects of long-term infusion of prostacyclin on exercise performance in patients with, 914
- primary, familial, hormone replacement therapy: a possible risk factor in carriers of, 847
- pulmonary risk factors compromising postoperative recovery after surgical repair for congenital heart disease, 740
- Hyperthyroidism, pulmonary hypertension caused by Graves' thyrotoxicosis: normal pulmonary hemodynamics restored by <sup>131</sup>I treatment, 1483
- Hypoglossal nerve, treatment of OSAS, 1426
- Hypoperfusion, 150
- Hypopnea, why the upper airway is not like a gall bladder, 1503
- Hypotension, do no harm, 1147
- echocardiographic predictors of an adverse response to a nifedipine trial in primary pulmonary hypertension: diminished left ventricular size and leftward ventricular septal bowing, 1218
- management of acute myocardial infarction with, 1464
- 64-year-old man enters the ICU with pulmonary edema and, associated with persistent chest pain, 1459
- worsening, in a 60-year-old man requiring intra-aortic balloon counterpulsation, 801
- Hypothalamic-pituitary-adrenal axis, 854, 931
- Hypothermic circulatory arrest: See Heart surgery
- Hypoventilation, 22, 521, 667
- Hypovolemia, oxygen delivery in septic shock, 1145
- Hypoxemia: See Anoxemia
- Hypoxia: See Anoxia
- Iatrogenic disease, bloody pericardial effusion in patients with cardiac tamponade: is the etiology cancerous, tuberculous or iatrogenic in the 1990's? 1564
- ICUs: See Critical care
- Idiopathic pulmonary hemosiderosis: See Hemosiderosis
- Illinois, asthma in Chicago, Oct. Suppl. 1, 129S-236S
- Imaging: See Angiography, Magnetic resonance imaging, Scintigraphy, Tomography, computed; Tomography, positron emission
- Immune system, blood transfusion: first, do no harm! 1149
- disseminated *Pseudallescheria boydii* infection in a nonimmuno-compromised host, 572
- "won't get fooled again" (by tuberculosis), 856
- Immunization, inhalational anthrax, 1369
- specific antibody response against the 23-valent pneumococcal vaccine in patients with α<sub>1</sub>-antitrypsin deficiency with and without bronchiectasis, 946
- Immunoglobulins, IV, for asthma? 267, 268
- specific antibody response against the 23-valent pneumococcal vaccine in patients with α<sub>1</sub>-antitrypsin deficiency with and without bronchiectasis, 946
- Immunosuppression phase, enhanced, costs and outcomes of prolonged cytomegalovirus prophylaxis to cover, following lung transplantation, 1265
- Immunosuppressive therapy, prognosis in pediatric idiopathic pulmonary hemosiderosis, 721
- Immunotherapy, treatment of malignant pleural mesothelioma, 504
- Impedance, self-adjusting nasal continuous positive airway pressure therapy based on measurement of: a comparison of two different maximum pressure levels, 991
- Impedance tomography, electrical: See Tomography
- In vitro* comparison of the mucocactive properties of guaifenesin, iodinated glycerol, surfactant, and albuterol, 195
- Infants: See also Children; comparison of lung function in, exposed to maternal smoking and in infants with a family history of asthma, 52
- endoscopic evaluation of the esophagus in children and, immediately following intraoperative use of transesophageal echocardiography, 1247
- obstructive sleep apnea in, and its management with nasal continuous positive airway pressure, 10
- Infection control: See also Tuberculosis; air sampling for tuberculosis—homage to the lowly guinea pig, 1143, 1144

- hand washing and use of gloves while managing patients receiving mechanical ventilation in the ICU, 172
- predicting active pulmonary tuberculosis using an artificial neural network, 965
- Infection, postoperative: See Postoperative complications
- Inflammation, complement activation in coronary artery bypass grafting patients without cardiopulmonary bypass, 892
- lymphocyte glutathione levels in children with cystic fibrosis, 201
- Inflammatory bowel disease: See Bowel
- Inflammatory mediator release, impact of blood transfusions on, in patients undergoing cardiac surgery, 1233
- Inflammatory response, blood transfusion: first, do no harm! 1149
- Informed consent, mechanical ventilation in hematopoietic stem cell transplant patients: is there need for reevaluation? 857
- Inhalers: See Nebulizers
- Innominate artery, aneurysm, massive tracheal necrosis due to compression by, 837
- Inspiratory airway pressure, maximal, 1416
- Inspiratory pressure, peak: See Peak inspiratory pressure
- Inspiratory to expiratory ratio, 1032
- Insulin, 581
- Intelligence, relationships among pulmonary function, aerobic fitness, and cognitive functioning in older COPD patients, 953
- Intensive care: See Critical care
- Interferon, - $\alpha$  therapy associated with the development of sarcoidosis, 569
- $\alpha$ 2a, cisplatin, and mitomycin combination chemoinmunotherapy in the treatment of diffuse malignant pleural mesothelioma, 391
- Interleukin, advances in the treatment of malignant pleural mesothelioma, 504
- 1- $\beta$ , proinflammatory cytokines and fibrinolytic enzymes in tuberculous and malignant pleural effusions, 1292
- 2, drugs and the pleura, 212
- 6, impact of blood transfusions on inflammatory mediator release in patients undergoing cardiac surgery, 1233
- treatment of malignant pleural mesothelioma, 504
- International health, research in developing countries, 585
- Interobserver variability: See Observer variation
- Interstitial lung diseases: See Pulmonary diseases; Pulmonary fibrosis
- Intra-aortic balloon counterpulsation: See Balloon counterpulsation
- Intrathoracic pressure: See Chest
- Intravenous immunoglobulin: See Immunoglobulin
- Intubation: See also Extubation; [difficult], percutaneous transtracheal jet ventilation: a fast, quick, and temporary way to provide oxygenation and ventilation when conventional methods are unsuccessful, 1689
- mechanical ventilation and, for COPD: development of an instrument to elicit patient preferences, 792
- [reintubation] reengineering respiratory support following extubation: avoidance of critical care unit costs, 1025
- streptokinase for endobronchial blood clots, 587
- use of a ventilatory support system (BiPAP) for acute respiratory failure in the emergency department, 166
- Iodinated glycerol: See Glycerol
- Iodine, abnormality of left ventricular sympathetic nervous function assessed by  $^{123}\text{I}$ -metaiodobenzylguanidine imaging in patients with chronic obstructive pulmonary disease, 1575
- 123 metaiodobenzylguanidine lung uptake in a patient with high-altitude pulmonary edema, serial scintigraphic assessment of, 1129
- pulmonary hypertension caused by Graves' thyrotoxicosis: normal pulmonary hemodynamics restored by  $^{131}\text{I}$  treatment, 1483
- Iohexol, effect of contrast media on coronary vascular resistance: contrast-induced coronary vasodilation, 1039
- Ioxaglated, meglumine sodium, 1039
- Ipratropium, apples and oranges: flaws and guffaws, 1137, 1138
- bromide, Doser external counting device, 1499
- Irradiation: See Radiotherapy
- Irritants, workplace: See Occupational and environmental lung disease
- Ischemia, lower pulmonary function and cerebral subclinical abnormalities detected by MRI, 150
- myocardial bridging as a cause of acute transient left heart dysfunction, 574
- myocardial, lung function and cardiopulmonary exercise performance after heart transplantation: influence of cardiac allograft vasculopathy, 332
- myocardial, 64-year-old man enters the ICU with hypotension and pulmonary edema associated with persistent chest pain, 1459
- stroke, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- Isotretinoin, drugs and the pleura, 212
- Israel, occurrence, recrudescence, and worsening of asthma in a population of young adults: impact of varying types of occupation, 614
- Itraconazole, drugs and the pleura, 212
- therapy, effects of, in allergic bronchopulmonary aspergillosis, 1665
- IVIg: See Immunoglobulin
- Japan, primary spontaneous pneumothorax detected during a medical checkup, 847
- Jet ventilation, percutaneous transtracheal: a fast, quick, and temporary way to provide oxygenation and ventilation when conventional methods are unsuccessful, 1689
- Jews, Sephardic, factors associated with health indicators in patients undergoing coronary artery bypass surgery, 1570
- Joint Commission on Accreditation of Healthcare Organizations, prudent restraint use, 843
- Journals: See also Publishing: guidelines in pulmonary medicine: a 25-year profile, 1046
- Kidney, effect of hemodialysis on cycloserine, ethionamide, para-aminosalicylate, and clofazimine, 984
- Knee, risks vs benefits in total joint surgery, 843, 844
- Kroegel, Claus, new *CHEST* editorial board members, 9
- L-tryptophan, drugs and the pleura, 212
- Laboratories, advances in pulmonary testing, 1377
- Laboratory and animal investigations, captopril lowers coronary venous free radical concentration after direct current cardiac shocks, 484
- effect of contrast media on coronary vascular resistance: contrast-induced coronary vasodilation, 1039
- effect of varying inspiratory to expiratory ratio on gas exchange in partial liquid ventilation, 1032
- experimental orthotopic heart and bilateral lung transplantation completed without cardiopulmonary bypass, 1360
- hydrogen peroxide in the lung parenchyma stimulates vagally mediated phrenic activity, 1365
- in vitro* comparison of the mucoactive properties of guaifenesin, iodinated glycerol, surfactant, and albuterol, 195
- lymphocyte glutathione levels in children with cystic fibrosis, 201
- method for the standardized offline collection of exhaled nitric oxide, 754
- platelet-derived endothelial cell growth factor/thymidine phosphorylase concentrations differ in small cell and non-small cell lung cancer, 206
- proliferation of type II pneumocytes and alteration in their apical surface membrane antigenicity in pulmonary sarcoidosis, 477
- pulmonary neutrophil accumulation following human endotoxemia, 1709
- utility of daily therapeutic thoracentesis for the treatment of early empyema, 1703
- vascular endothelial growth factor in pleural fluid, 760
- Lactate dehydrogenase, classical, abbreviated, and modified Light's criteria: end of the story? 1833
- cytology on transudative pleural effusions, 846
- vascular endothelial growth factor in pleural fluid, 760

- Lactate production, pulmonary, hyperlactatemia and, in patients with fulminant hepatic failure, 471
- Laryngotracheal reconstruction in children, noninvasive positive-pressure ventilation facilitates tracheal extubation after, 260
- Larynx, satisfaction of patients treated surgically for intractable aspiration, 1251
- Lasers, advances in bronchoscopic procedures, 1403
- Nd-YAG, vs bronchoscopic electrocautery for palliation of symptomatic airway obstruction: a cost-effectiveness study, 1108
- successful management of adenoid cystic carcinoma of the trachea by irradiation and, 269
- Legs, lower extremity venography: still the gold standard, 853
- treatment descriptions are valuable to clinicians, 1492, 1493
- Leiomyoma, multiple pulmonary nodules in an asymptomatic patient, 245
- Length of stay, cardiology or primary care for heart failure in the community setting, 346
- surgical ICU recidivism after cardiac operations, 688
- Leptospirosis, unilateral leptospiral pneumonia and cold agglutinin disease, 830
- Leukemia, acute lymphoblastic, childhood, lung function in survivors of, 1163
- chronic lymphocytic, Richter's transformation presenting as an obstructing endobronchial lesion, 832
- chronic lymphocytic, 74-year-old man with cough, lung mass, and 1798
- Levofloxacin, randomized, crossover design study of the pharmacology of extended-spectrum fluoroquinolones for pneumococcal infections, 115
- Lewis X-i antigen: See Sialyl Lewis X-i antigen
- Lidocaine, 55-year-old man with acute myocardial infarction develops tachycardia following balloon angioplasty, 243
- Light's criteria, 1833, 1836
- Likert scales, 1208
- Limb muscles: See Muscles
- Limulus amoebocyte lysate endotoxin assay, fungal  $\beta$ -glucan can yield false-positive results with, 583, 584
- Lipopolysaccharide binding protein, impact of blood transfusions on inflammatory mediator release in patients undergoing cardiac surgery, 1233
- Literature reviews: See Reviews
- Liver, hyperlactatemia and pulmonary lactate production in patients with fulminant hepatic failure, 471
- Liver transplantation, critical care physician's personal odyssey, 789
- Lobectomy, upper, prolonged air leak following, 848
- video-assisted thoracic surgical non-rib spreading simultaneously stapled lobectomy: a more patient-friendly oncologic resection, 1119
- Lung: See also headings beginning with Pulmonary; Respiration; Respiratory; aging, and possible animal models, 1145
- aspiration, percutaneous transthoracic, value and complications of, for the etiological diagnosis of community-acquired pneumonia, 1716
- elastance, advances in respiratory monitoring during mechanical ventilation, 1416
- hyperinflation, hypoxemia and hypercapnia during exercise and sleep in patients with cystic fibrosis, 647
- is anti-topoisomerase I a serum marker of pulmonary involvement in systemic sclerosis? 715
- parenchyma, hydrogen peroxide in, stimulates vagally mediated phrenic activity, 1365
- parenchyma, thoracoscopy: window to the pleural space, 1409
- water, extravascular, electrical impedance tomography in the assessment of, in non-cardiogenic acute respiratory failure, 1695
- Lung cancer: See Pulmonary neoplasms
- Lung diseases: See Pulmonary diseases
- Lung injury, acute: 41st Annual Thomas L. Petty Aspen Lung Conference, July Suppl., 1S-127S
- acute, interobserver variability in applying a radiographic definition for ARDS, 1347
- blast, recovery from: one-year follow-up, 1683
- gemcitabine toxicity, 1491
- is emergency thoracotomy always the most appropriate immediate intervention for systemic air embolism after lung trauma? 234
- pulmonary neutrophil accumulation following human endotoxemia, 1709
- Lung puncture: See Aspiration
- Lung transplantation, acute pulmonary edema after: the pulmonary reimplantation response, 187
- anastomotic pulmonary hypertension after, for primary pulmonary hypertension: report of surgical correction, 564
- bilateral, experimental orthotopic heart and, completed without cardiopulmonary bypass, 1360
- can bronchiolitis obliterans syndrome be diagnosed by phone from the comfort of home? 5
- contralateral tension pneumothorax following unilateral chest tube drainage of bilateral pneumothoraces in a heart-lung transplant patient, 1131
- costs and outcomes of prolonged cytomegalovirus prophylaxis to cover the enhanced immunosuppression phase following, 1265
- 109 recipients, low incidence of posttransplant lymphoproliferative disorder in, 1273
- potential recipients > 50 years old, coronary artery disease in: the role of coronary intervention, 874
- rabbit antithymocyte globulin decreases acute rejection after: results of a randomized, prospective study, 127
- recipients, cytomegalovirus prophylaxis with IV ganciclovir in: the long and short of it! 1152
- staging of bronchiolitis obliterans syndrome using home spirometry, 120
- Lung volume, 1837
- Lung volume reduction surgery, development of giant bulla after, 1809
- effect of, on bony thorax in severe COPD, 30
- for emphysema, lung function four years after, 1608
- impact of nutritional status on the outcome of: a prospective study, 693
- improvements in lung and respiratory muscle function following: smaller may be better, but how long does it last? 1507
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- neural drive to the diaphragm after, 1593
- pilot study of expiratory flow limitation and lung volume reduction surgery, 1762
- rationale and design of the National Emphysema Treatment Trial: prospective randomized trial of, 1750
- thoracoscopy: window to the pleural space, 1409
- weight gain after, is not correlated with improvement in pulmonary mechanics, 1601
- Lupus erythematosus, systemic, bronchiectasis in systemic diseases, 1063
- 51-year-old man with fever, ulnar neuropathy, and bilateral pleural effusions, 1105
- multiple coronary aneurysms in a case of, 1116
- Lupus pleuritis, drugs and the pleura, 212
- Lyme disease, 222
- Lymph, bronchiectasis in systemic diseases, 1063
- Lymph nodes, unfavorable prognosis of patients with stage II non-small cell lung cancer associated with macroscopic nodal metastases, 144
- Lymphadenitis, mediastinal, due to cryptococcal infection in HIV-positive patients on highly active antiretroviral therapy, 848
- Lymphadenopathy, mediastinal, extensive, in an adult immunocompetent woman caused by *Mycobacterium avium* complex, 1814
- Lymphatics, catamenial pneumothorax and its relation to the peritoneal stomata of the diaphragm, 1843
- Lymphocytes, glutathione levels in children with cystic fibrosis, 201
- pulmonary tumor embolism from primary cardiac B-cell lymphoma, 1489
- Lymphoma, HIV-infected patient with pleural effusion, 1113
- primary cardiac B-cell, pulmonary tumor embolism from, 1489
- primary pulmonary AIDS-related, 1282
- Richter's transformation presenting as an obstructing endobronchial lesion, 832
- small lymphocytic, 74-year-old man with chronic lymphocytic leukemia, cough, and a lung mass, 1798

Lymphoproliferative disorder, posttransplant, low incidence of, in 109 lung transplant recipients, 1273

m-THPC (meta-tetrahydroxyl phenylchlorin): See Photodynamic therapy

Macrophages, interferon- $\alpha$  therapy associated with the development of sarcoidosis, 569

Madias, John E., new CHEST editorial board members, 9

Magnetic resonance angiography, recent advances in pulmonary imaging, 1388

Magnetic resonance imaging, lower pulmonary function and cerebral subclinical abnormalities detected by, 150  
recent advances in pulmonary imaging, 1388

Magnetic resonance spectroscopy, nuclear: its role in providing valuable insight into diverse clinical problems, 1434

Malignant superior vena caval syndrome: See Vena cava

Malnutrition: See Nutrition

Mammary artery, internal, graft, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from CHEST 1998; 114(suppl):439S-769S [Oct. Insert])  
Managed care, asthma in Chicago, Oct. Suppl. 1, 129S-236S  
downward trends in bronchoscopies performed between 1991 and 1997, 238

Mandible, evaluation of variable mandibular advancement appliance for treatment of snoring and sleep apnea, 1511  
maxillomandibular advancement surgery in a site-specific treatment approach for obstructive sleep apnea in 50 consecutive patients, 1519

Mantoux/purified protein derivative screening: See Tuberculosis

Manuscripts: See Publishing

Mao: See Herbal remedies

Marfan's syndrome, bronchiectasis in systemic diseases, 1063

Masks, route of breathing in inpatients with asthma, 1646

Maxillomandibular advancement surgery, 1519

Maximal inspiratory airway pressure, 1416

Mayo Clinic, experience, 1979-1998: clinical and echocardiographic characteristics of significant pericardial effusions following cardiothoracic surgery and outcomes of echo-guided pericardiocentesis for management, 322

Mechanical ventilation: See Pneumonia, ventilator-associated; Respiration, artificial

Mediastinitis, postoperative, saphenous vein graft infection: a fatal complication of, 1816

Mediastinum, extensive lymphadenopathy in an adult immunocompetent woman caused by *Mycobacterium avium* complex, 1814  
inhalational anthrax, 1369  
lymphadenitis due to cryptococcal infection in HIV-positive patients on highly active antiretroviral therapy, 848  
thoracoscopy: window to the pleural space, 1409

Medical Outcomes Short Form 36, assessment of health-related quality of life in patients with interstitial lung disease, 1175

Medical records, performance of sleep histories in an ambulatory medicine clinic: impact of simple chart reminders, 1558

Meetings, CHEST 1999 scientific highlights: abstracts of original investigations and case reports, October 31-November 4, 1999, Chicago, Illinois, Oct. Suppl., 237S-442S

Meglumine sodium ioxaglate, 1039

Men, prevalence of snoring and sleep-disordered breathing in a student population, 1530  
with chronic pulmonary disease, declining bone mass in: contribution of glucocorticoid treatment, body mass index and gonadal function, 1616

Menstruation-associated asthma, case of: treatment with oral contraceptives, 252

Mental health, relationships among pulmonary function, aerobic fitness, and cognitive functioning in older COPD patients, 953

Mesothelioma, diffuse malignant pleural, cisplatin, mitomycin, and interferon- $\alpha$ 2a combination chemioimmunotherapy in the treatment of, 391

malignant pleural, advances in the treatment of, 504  
malignant, thoracoscopy: window to the pleural space, 1409

multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S

Meta-analysis, does aging modify pulmonary tuberculosis? 961  
is [it] really meta-physics? 539

steroids in acute exacerbation of asthma: how do we grade the evidence? 273; erratum, 1499

Meta-tetrahydroxyl phenylchlorin (m-THPC): See Photodynamic therapy

Metabolism, nuclear magnetic resonance spectroscopy: its role in providing valuable insight into diverse clinical problems, 1434

Metaiodobenzylguanidine, 1129, 1575

Metastatic neoplasms, endobronchial, from osteosarcoma of bone: treatment with intraluminal radiotherapy, 1811

macroscopic nodal, unfavorable prognosis of patients with stage II non-small cell lung cancer associated with, 144

multimodality treatment of malignant superior vena caval syndrome, 835

multiple pulmonary nodules in an asymptomatic patient, 245

platelet-derived endothelial cell growth factor/thymidine phosphorylase concentrations differ in small cell and non-small cell lung cancer, 206

pulmonary cysts as the sole metastatic manifestation of soft tissue sarcoma: 263

Methacholine challenge: See Bronchial provocation

Methotrexate, drugs and the pleura, 212

Methysergide, drugs and the pleura, 212

Mexico, research in developing countries, 585

Mice, senescence-accelerated, aging lung and possible animal models, 1145

Microsatellite DNA instability in COPD, 47

Milk-free diet: See Diet

Minimally invasive techniques, video-assisted thoracic surgery diagnosis of thoracic spinal tuberculosis, 1471

video-assisted thoracic surgical non-rib spreading simultaneously stapled lobectomy: a more patient-friendly oncologic resection, 1119

Minoxidil, drugs and the pleura, 212

Mitomycin, cisplatin, and interferon- $\alpha$ 2a combination chemioimmunotherapy in the treatment of diffuse malignant pleural mesothelioma, 391

drugs and the pleura, 212

Mitral stenosis, bronchial hyperreactivity in patients with, before and after successful percutaneous mitral balloon valvulotomy, 1582

Molecular amplification, air sampling for tuberculosis—homage to the lowly guinea pig, 1143, 1144

Monitoring, noninvasive, bias and precision in, 1140

Mortality: See also Survival; advanced heart block as a manifestation of a paraneoplastic syndrome from malignant thymoma, 1135  
blood cultures have limited value in predicting severity of illness and as a diagnostic tool in ventilator-associated pneumonia, 1075

cardiology or primary care for heart failure in the community setting, 346

cardiopulmonary exercise testing as a screening test for perioperative management of major surgery in the elderly, 355

conditional survival among patients with carcinoma of the lung, 697

definition of survival, 593

inhalational anthrax, 1369

lack of influence of gender on outcomes of mechanically ventilated medical ICU patients, 732

mechanical ventilation in hematopoietic stem cell transplantation: can we effectively predict outcomes? 1012

nosocomial pneumonia: blood cultures remain useful, 859

oxygen delivery in septic shock, 1145

pine oil ingestion: a common cause of poisoning, 1822

retrograde cerebral perfusion as an adjunct to prolonged hypothermic circulatory arrest, 887

risks vs benefits in total joint surgery, 843, 844

saphenous vein graft infection: a fatal complication of postoperative mediastinitis, 1816

simplified prediction rule for prognosis of patients with severe community-acquired pneumonia in ICUs, 157

37-year-old man with severe head trauma, and a "hot nose" sign on brain flow study, 1468



- Mouth, route of breathing in inpatients with asthma, 1646
- Movement arousals: See Sympathetic nervous system
- Mucoactive properties, *in vitro* comparison of guaifenesin, iodinated glycerol, surfactant, and albuterol, 195
- Mucormycosis, prosthetic aortic valve, successful treatment of, 1818
- Muscles: See also Respiratory muscles; exercise-induced rise in arterial potassium in patients with chronic heart failure: relation to excessive exercise ventilation, 88
- [limb], improvements in lung and respiratory muscle function following lung volume reduction surgery: smaller may be better, but how long does it last? 1507
  - nuclear magnetic resonance spectroscopy: its role in providing valuable insight into diverse clinical problems, 1434
- Music, effect of, on state anxiety scores in patients undergoing fiberoptic bronchoscopy, 819
- Mycobacterium avium* complex, extensive mediastinal lymphadenopathy in an adult immunocompetent woman caused by, 1814
- Mycobacterium tuberculosis*: See Tuberculosis
- Mycotic aneurysms, tuberculous, 1142
- Mylar balloons: See Balloons, mylar
- Myocardial infarction, acute, a 55-year-old man with, develops tachycardia following balloon angioplasty, 243
- acute, can dobutamine stress echocardiography predict cardiac events in nonrevascularized diabetic patients following? 1224
  - acute, management of, with hypotension, 1464
  - multiple coronary aneurysms in a case of systemic lupus erythematosus, 1116
  - relationship between polymorphisms in the endothelial cell nitric oxide synthase gene and the platelet GPIIb gene with venous thromboembolism and, in African Americans, 880
- Myocarditis, advanced heart block as a manifestation of a paraneoplastic syndrome from malignant thymoma, 1135
- asymptomatic, detection and evaluation of, in schoolchildren: report of four cases, 340
- Myocardium: See also Heart; bridging as a cause of acute transient left heart dysfunction, 574
- hibernating, 64-year-old man enters the ICU with hypotension and pulmonary edema associated with persistent chest pain, 1459
- Nasal continuous positive airway pressure: See Positive airway pressure
- Nasal positive pressure ventilation: See Positive pressure ventilation
- National Association for Medical Direction of Respiratory Care, clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521
- National Asthma Education and Prevention Program, asthma in Chicago, Oct. Suppl. 1, 129S-236S
- National Cancer Institute: See US National Cancer Institute
- National Emphysema Treatment Trial, rationale and design of: prospective randomized trial of lung volume reduction surgery, 1750
- NCI: See US National Cancer Institute
- Nd-YAG laser: See Lasers
- Nebulizers: See also Aerosols; controlled trial of two formulations of cromolyn sodium in the treatment of asthmatic patients  $\geq$  12 years of age, 65
- Doser external counting device, 1499
  - evaluation of the effect of a large volume spacer on the systemic bioactivity of fluticasone propionate metered-dose inhaler, 935
  - use of aerosolized antibiotics in patients with cystic fibrosis, 775
- Needle aspiration biopsy: See Biopsy
- Negative expiratory pressure, advances in pulmonary laboratory testing, 1377
- Negative pressure ventilation, clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521
- Neoplasm metastasis: See Metastatic neoplasms
- Neoplasms: See also Carcinoma; Pulmonary neoplasms; specific types of cancer, *e.g.*, Bronchial neoplasms; bloody pericardial effusion in patients with cardiac tamponade: is the etiology cancerous, tuberculous or iatrogenic in the 1990's? 1564
- cytology on transudative pleural effusions, 846
  - recurrence, unfavorable prognosis of patients with stage II non-small cell lung cancer associated with macroscopic nodal metastases, 144
  - staging, unfavorable prognosis of patients with stage II non-small cell lung cancer associated with macroscopic nodal metastases, 144
- Nervous system: See Central nervous system; Sympathetic nervous system
- Neural drive to the diaphragm after lung volume reduction surgery, 1593
- Neural network analysis: See Computer programs
- Neurohormones, is blood pressure response to the Valsalva maneuver related to exercise capacity, clinical findings and, in heart failure? 861
- Neurologic manifestations, pleurodural fistulas and, 584, 585
- Neuromuscular blockade, percutaneous dilational tracheostomy kits, 1498
- Neuromuscular disorders, clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521
- Neutrophils, acute lung injury: 41st Annual Thomas L. Petty Aspen Lung Conference, July Suppl., 1S-127S
- impact of blood transfusions on inflammatory mediator release in patients undergoing cardiac surgery, 1233
  - pulmonary, accumulation following human endotoxemia, 1709
- New York City, firefighters, incidence, prevalence, and severity of sarcoidosis in, 1183
- Niederman, Michael S., new *CHEST* editorial board members, 9
- Nifedipine, do no harm, 1147
- trial, echocardiographic predictors of an adverse response to, in primary pulmonary hypertension: diminished left ventricular size and leftward ventricular septal bowing, 1218
- <sup>99m</sup>Tc diethylenetriamine pentaacetate: See Technetium diethylenetriamine pentaacetate
- Nitric oxide, advances in pulmonary laboratory testing, 1377
- effect of contrast media on coronary vascular resistance: contrast-induced coronary vasodilation, 1039
  - exhaled, effect of cigarette smoking on, in mild steroid-naïve asthmatics, 59
  - exhaled, method for the standardized offline collection of, 754
  - increased production of, carcinoid-related intrapulmonary shunting may be associated with, 1838
  - synthase gene, endothelial cell: See Genetics
- Nitrofurantoin, drugs and the pleura, 212
- Nocturnal hypoventilation: See Hypoventilation
- Nomenclature, definition of survival, 593
- Norepinephrine, relationship of arousals from sleep to sympathetic nervous system activity and BP in obstructive sleep apnea, 655
- Nose, effects of humidification on nasal symptoms and compliance in sleep apnea patients using continuous positive airway pressure, 403
- pathogenic triad in chronic cough: asthma, postnasal drip syndrome, and gastroesophageal reflux disease, 279
  - 37-year-old man with severe head trauma, and a "hot nose" sign on brain flow study, 1468
- Nuclear magnetic resonance spectroscopy: its role in providing valuable insight into diverse clinical problems, 1434
- Nuclear medicine, acute paraquat intoxication: using nuclear pulmonary studies to predict patient outcome, 709
- Nutrition, delayed type of hypersensitivity and late allergic reactions in patients with stable COPD, 1625
- hypoxemia and hypercapnia during exercise and sleep in patients with cystic fibrosis, 647
  - satisfaction of patients treated surgically for intractable aspiration, 1251
  - status, impact of, on the outcome of lung volume reduction surgery: a prospective study, 693



- Obesity, value of clinical, functional and oximetric data for the prediction of obstructive sleep apnea in obese patients, 1537
- Observer variation, interobserver variability in applying a radiographic definition for ARDS, 1347
- Obstructive sleep apnea: See Sleep apnea
- Occupational and environmental lung disease, outcome of asthma related to workplace irritant exposures: a comparison of irritant-induced asthma and irritant aggravation of asthma, 1780
- respiratory symptoms and farming practices in farmers associated with an acute febrile illness after organic dust exposure, 1452
- Occupational exposure, hand washing and use of gloves while managing patients receiving mechanical ventilation in the ICU, 172
- husker days and fever nights: counting cases of organic dust toxic syndrome, 1157
- incidence, prevalence, and severity of sarcoidosis in New York City firefighters, 1183
- occurrence, recrudescence, and worsening of asthma in a population of young adults: impact of varying types of occupation, 614
- pneumonitis and herbicide exposure, 1139
- Ocreotide, carcinoid—a diagnostic and therapeutic dilemma, 1142
- Olsen, Gerald N., new *CHEST* editorial board members, 9
- Omeprazole, gastroesophageal reflux in asthmatics: a double-blind, placebo-controlled crossover study with, 1257
- Opinions/hypotheses, is emergency thoracotomy always the most appropriate immediate intervention for systemic air embolism after lung trauma? 234
- is meta-analysis really meta-physics? 539
- pulmonary artery catheterization and esophageal Doppler monitoring in the ICU, 1085
- significance of serum vs tissue levels of antibiotics in the treatment of penicillin-resistant *Streptococcus pneumoniae* and community-acquired pneumonia: are we looking in the wrong place? 535
- small airways obstruction syndrome, 231
- technology introduction in critical care: just knowing the price is not enough! 1092
- Oral appliances: See Equipment
- Organ donation, 1468
- Organic dust toxic syndrome: See Dust
- Oropharynx, routes of tracheal colonization, 462
- Oscillation, forced, 991, 1377
- Osteoporosis, chronic glucocorticoid therapy-induced, in patients with obstructive lung disease, 1733
- declining bone mass in men with chronic pulmonary disease: contribution of glucocorticoid treatment, body mass index and gonadal function, 1616
- substitution of arm span for standing height is important for the assessment of predicted value of lung volumes in elderly people with, 1837
- Osteosarcoma, of bone, endobronchial metastasis from: treatment with intraluminal radiotherapy, 1811
- Otho S. A. Sprague Memorial Institute's Asthma Initiative, asthma in Chicago, Oct. Suppl. 1, 129S-236S
- Outcomes: See also Mortality; Survival; acute paraquat intoxication: using nuclear pulmonary studies to predict, 709
- airway obstruction in bronchial sarcoidosis, 1194
- bacteremic pneumococcal pneumonia in HIV-seropositive and HIV-seronegative adults, 107
- can we effectively predict? mechanical ventilation in hematopoietic stem cell transplantation, 1012
- cardiology or primary care for heart failure in the community setting, 346
- conditional survival among patients with carcinoma of the lung, 697
- costs and, of prolonged cytomegalovirus prophylaxis to cover the enhanced immunosuppression phase following lung transplantation, 1265
- factors associated with health indicators in patients undergoing coronary artery bypass surgery, 1570
- gastroesophageal reflux in asthmatics: a double-blind, placebo-controlled crossover study with omeprazole, 1257
- impact of nutritional status on the outcome of lung volume reduction surgery: a prospective study, 693
- mechanically ventilated medical ICU patients, lack of influence of gender on, 732
- of asthma related to workplace irritant exposures: a comparison of irritant-induced asthma and irritant aggravation of asthma, 1780
- predicting 3-day and 7-day, of weaning from mechanical ventilation, 456
- rationale and design of the National Emphysema Treatment Trial: prospective randomized trial of lung volume reduction surgery, 1750
- recovery from blast lung injury: one-year follow-up, 1683
- retrograde cerebral perfusion as an adjunct to prolonged hypothermic circulatory arrest, 887
- steroids in acute exacerbation of asthma: how do we grade the evidence? 273; erratum, 1499
- Outpatient care: See Ambulatory care; Emergency
- Ovarian carcinoma cell line retrovirally transfected with HSVtk: See Herpes simplex virus thymidine kinase gene
- Overshoot phenomenon: See Stroke volume
- Oxidants, acute lung injury: 41st Annual Thomas L. Petty Aspen Lung Conference, July Suppl., 1S-127S
- lymphocyte glutathione levels in children with cystic fibrosis, 201
- Oxidation, nuclear magnetic resonance spectroscopy: its role in providing valuable insight into diverse clinical problems, 1434
- Oxidative stress, exhaled carbon monoxide levels elevated in diabetes and correlated with glucose concentration in blood: a new test for monitoring the disease? 1007
- Oximetry, advances in respiratory monitoring during mechanical ventilation, 1416
- ambulatory monitoring in patients with severe COPD: a preliminary study, 314
- pulse, for assessment of pulsus paradoxus, 1491
- pulse, pulmonary arteriovenous malformations: patients with hereditary hemorrhagic telangiectasia, 432
- value of clinical, functional and oximetric data for the prediction of obstructive sleep apnea in obese patients, 1537
- Oxygen, ambulatory oximetry monitoring in patients with severe COPD: a preliminary study, 314
- consumption, exercise limitation testing, 1141
- delivery in septic shock, 1145
- delivery system, demand, nocturnal efficiency and tolerance of, in COPD patients with nocturnal hypoxemia, 22
- draft, 589
- effect of CPAP vs placebo-CPAP on sleep quality in obstructive sleep apnea, 1545
- effects of long-term infusion of prostacyclin on exercise performance in patients with primary pulmonary hypertension, 914
- is emergency thoracotomy always the most appropriate immediate intervention for systemic air embolism after lung trauma? 234
- partial pressure in arterial blood, dyspnea differentiation index: a new method for the rapid separation of cardiac vs pulmonary dyspnea, 1100
- pulmonary arteriovenous malformations: patients with hereditary hemorrhagic telangiectasia, 432
- reengineering respiratory support following extubation: avoidance of critical care unit costs, 1025
- saturation, arterial, effect of sputum induction on spirometric measurements and, in asthmatic patients, smokers, and healthy subjects, 941
- therapy, comparison of, with nasal continuous positive airway pressure on Cheyne-Stokes respiration during sleep in congestive heart failure, 1550
- Oxygen uptake, exercise-induced rise in arterial potassium in patients with chronic heart failure: relation to excessive exercise ventilation, 88
- lung function and cardiopulmonary exercise performance after heart transplantation: influence of cardiac allograft vasculopathy, 332
- physiological response to moderate exercise workloads in a pulmonary rehabilitation program in patients with varying degrees of airflow obstruction, 1200
- recovery kinetics of, and heart rate in patients with coronary artery disease and heart failure, 808
- Oxygenase, heme: See Heme oxygenase

- Oxygenation, effect of varying inspiratory to expiratory ratio on gas exchange in partial liquid ventilation, 1032
- high-frequency percussive ventilation improves, in patients with ARDS, 440
- percutaneous transtracheal jet ventilation: a fast, quick, and temporary way to provide ventilation and, when conventional methods are unsuccessful, 1689
- tissue, dobutamine in severe scorpion envenomation: effects on standard hemodynamics, right ventricular performance, and, 748
- tonometry monitoring of tissue perfusion and, 1839
- Pacemakers, advanced heart block as a manifestation of a paraneoplastic syndrome from malignant thymoma, 1135
- right pneumothorax resulting from an endocardial screw-in atrial lead, 1133
- Paging systems, differences in the response times of pages originating from the ICU, 1019
- Pain: See also Chest pain; advances in the treatment of malignant pleural mesothelioma, 504
- Palliative care, Nd-YAG laser vs bronchoscopic electrocautery for symptomatic airway obstruction: a cost-effectiveness study, 1108
- Para-aminosalicylate, effect of hemodialysis on, 984
- Paralysis, reversible unilateral diaphragmatic, in pulmonary embolism, 587
- Paraneoplastic syndrome, advanced heart block as a manifestation of, from malignant thymoma, 1135
- Parapneumonic effusions, modification of pleural fluid pH by local anesthesia, 399
- utility of daily therapeutic thoracentesis for the treatment of early empyema, 1703
- Paraquat, acute intoxication: using nuclear pulmonary studies to predict patient outcome, 709
- Parenchyma, lung: See Lung, parenchyma
- Parotid gland, pneumoparotid due to spirometry, 1475
- Partial liquid ventilation, effect of varying inspiratory to expiratory ratio on gas exchange in, 1032
- Pathology, valid information from sputum: don't throw out the baby with the bath water, 6
- Patient compliance, effects of humidification on nasal symptoms and, in sleep apnea patients using continuous positive airway pressure, 403
- poor, with international consensus guidelines, current outpatient management of asthma shows, 1638
- Patient education, asthma in Chicago, Oct. Suppl. 1, 129S-236S
- asthma: we need to do better! 1509
- current outpatient management of asthma shows poor compliance with international consensus guidelines, 1638
- Patient safety, prudent restraint use, 843
- Patients: See also Quality of life: assessing the validity of tuberculin skin test readings by trained professionals and, 104
- characteristics, allergic bronchopulmonary aspergillosis in cystic fibrosis: reported prevalence, regional distribution, and, 639
- definition of survival, 593
- liver transplantation: a critical care physician's personal odyssey [as a patient], 789
- preferences, intubation and mechanical ventilation for COPD: development of an instrument to elicit, 792
- treated surgically for intractable aspiration, satisfaction of, 1251
- undergoing fiberoptic bronchoscopy, effect of music on state anxiety scores in, 819
- voice from a modern hospital, 1833
- Peak expiratory flow, asthma: we need to do better! 1509
- effect of heliox in acute severe asthma, 296
- pilot study of expiratory flow limitation and lung volume reduction surgery, 1762
- rate, 285, 1100
- Peak inspiratory pressure, 440
- Pediatrics: See Children
- PEEP: See Positive end-expiratory pressure
- D-Penicillamine, drugs and the pleura, 212
- Penicillin, bacteremic pneumococcal pneumonia in HIV-seropositive and HIV-seronegative adults, 107
- G, blood cultures for community-acquired pneumonia: no place to skimp! 1153
- impact of blood cultures on antibiotic therapy in pneumococcal pneumonia, 1278
- inhalational anthrax, 1369
- resistant *Streptococcus pneumoniae* and community-acquired pneumonia: are we looking in the wrong place? significance of serum vs tissue levels of antibiotics in the treatment of, 535
- Peptide, atrial natriuretic, is blood pressure response to the Valsalva maneuver related to neurohormones, exercise capacity, and clinical findings in heart failure? 861
- Percussive ventilation, high-frequency: See Ventilation
- Percutaneous mitral balloon valvulotomy: See Valvulotomy
- Percutaneous tracheostomy: See Tracheostomy
- Percutaneous transthoracic lung aspiration: See Aspiration
- Percutaneous transtracheal jet ventilation: See Jet ventilation
- Perfusion, tissue, tonometry monitoring of oxygenation and, 1839
- Pericardial effusions, bloody: clinically significant without intrinsic diagnostic specificity, 1506
- bloody, in patients with cardiac tamponade: is the etiology cancerous, tuberculous or iatrogenic in the 1990's? 1564
- can pleural effusions cause cardiac tamponade? 1820
- pericardiocentesis: blind no more! 275
- significant, clinical and echocardiographic characteristics of, following cardiothoracic surgery and outcomes of echo-guided pericardiocentesis for management, 322
- Pericardiocentesis, [echo-guided]: blind no more! 275
- echo-guided, outcomes of, clinical and echocardiographic characteristics of significant pericardial effusions following cardiothoracic surgery and, 322
- Peripheral arterial occlusive disease, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- Peritoneal stomata, of the diaphragm, catamenial pneumothorax and its relation to, 1843
- Peritoneum, tension pneumoperitoneum associated with a pleural-peritoneal shunt, 827
- Perrier, Arnaud, new *CHEST* editorial board members, 9
- Petty, Thomas L., 41st Annual Aspen Lung Conference: acute lung injury, July Suppl., 1S-127S
- pH, asthma and gastroesophageal reflux disease: the truth is difficult to define, 1150
- modification of pleural fluid, by local anesthesia, 399
- pH, tonometry monitoring of tissue perfusion and oxygenation, 1839
- Pharmacokinetics, penetration of cefibuten into the respiratory tract, 369
- Pharmacology, randomized, crossover design study of, of extended-spectrum fluoroquinolones for pneumococcal infections, 115
- Pharynx, routes of tracheal colonization, 462
- pHi: See pH
- Phosphates, nuclear magnetic resonance spectroscopy: its role in providing valuable insight into diverse clinical problems, 1434
- Photodynamic therapy, advances in the treatment of malignant pleural mesothelioma, 504
- Phototherapy, advances in bronchoscopic procedures, 1403
- Phrenic nerve activity, vagally mediated, hydrogen peroxide in the lung parenchyma stimulates, 1365
- palsy, pulmonary risk factors compromising postoperative recovery after surgical repair for congenital heart disease, 740
- Physical examinations, diagnosing heart failure by the Valsalva maneuver: isn't it finally time? 851
- primary spontaneous pneumothorax detected during a medical checkup, 847
- Physicians, critical care [as a patient], personal odyssey: liver transplantation, 789
- cyclophosphamide in the treatment of pulmonary diseases: survey of use, training, and practitioner knowledge base, 1159
- differences in the response times of pages originating from the ICU, 1019
- new *CHEST* editorial board members, 9

- preferences for perioperative anticoagulation in patients with a mechanical heart valve who are undergoing elective noncardiac surgery, 1240
- Physiology, tidal flow-volume analysis of ventilation during exercise: a useful approach for diagnosing the mechanism of ventilatory limitation to exercise during cardiopulmonary exercise testing, 277
- Physiotherapy, questioning flutter therapy, 270, 271
- Pigs: See Swine
- Pine oil ingestion: a common cause of poisoning, 1822
- Plasma: See Blood
- Plasminogen activator, inhibitor type I and tissue type, proinflammatory cytokines and fibrinolytic enzymes in tuberculous and malignant pleural effusions, 1292
- IV recombinant tissue-type, successful treatment of right heart thromboemboli with, during continuous echocardiographic monitoring: a case series report, 78
- tissue plasminogen activator, recombinant, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- Plastic surgery, laryngotracheal reconstruction in children, 260
- Platelet-derived endothelial cell growth factor/thymidine phosphorylase concentrations differ in small cell and non-small cell lung cancer, 206
- Platelet GPIIb gene: See Genetics
- Pleura, advances in the treatment of malignant mesothelioma, 504
- CT-guided agar marking for localization of nonpalpable peripheral pulmonary lesions, 139
- drugs and, 212
- management of empyema, 845
- pleurodural fistulas and neurologic manifestations, 584, 585
- space, searching for tuberculosis in, 3
- thoracoscopy: window to, 1409
- Pleural effusions, bilateral, 51-year-old man with fever, ulnar neuropathy, and, 1105
- can [they] cause cardiac tamponade? 1820
- chylothorax in children: guidelines for diagnosis and management, 682
- classical, abbreviated, and modified Light's criteria: end of the story? 1833
- diagnostic value of pleural fluid adenosine deaminase in tuberculous pleuritis with reference to HIV coinfection and a Bayesian analysis, 97
- drugs and the pleura, 212
- evaluation of patient-related and procedure-related factors contributing to pneumothorax following thoracentesis, 134
- HIV-infected patient with, 1113
- painless left hemorrhagic: an unusual presentation of dissecting ascending aortic aneurysm, 1478
- pulmonary risk factors compromising postoperative recovery after surgical repair for congenital heart disease, 740
- sialyl Lewis X-i antigen in, 582, 583
- systemic distribution of talc, 266
- thoracoscopy: window to the pleural space, 1409
- transudative, cytology on, 846
- transudative, should a cytologic study be ordered in? 1836
- tuberculous and malignant, proinflammatory cytokines and fibrinolytic enzymes in, 1292
- unilateral leptospiral pneumonia and cold agglutinin disease, 830
- utility of daily therapeutic thoracentesis for the treatment of early empyema, 1703
- vascular endothelial growth factor in pleural fluid, 760
- Pleural fibrosis, drugs and the pleura, 212
- Pleural fluid: See also Pleural effusions; adenosine deaminase, diagnostic value of, in tuberculous pleuritis with reference to HIV coinfection and a Bayesian analysis, 97
- classical, abbreviated, and modified Light's criteria: end of the story? 1833
- pH, modification of, by local anesthesia, 399
- vascular endothelial growth factor in, 760
- Pleural mesothelioma 391, 504, 1409, Dec. Suppl., 443S-545S
- Pleural-peritoneal shunt: See Shunt
- Pleurectomy, multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- treatment of malignant pleural mesothelioma, 504
- Pleurisy, tuberculous, 1409
- Pleuritis, lupus, 51-year-old man with fever, ulnar neuropathy, and bilateral pleural effusions, 1105
- lupus, drugs and the pleura, 212
- tuberculous, diagnostic value of pleural fluid adenosine deaminase in, with reference to HIV coinfection and a Bayesian analysis, 97
- tuberculous, searching for tuberculosis in the pleural space, 3
- Pleurodesis, treatment of malignant pleural mesothelioma, 504
- Pleurodural fistulas: See Fistula
- Pleuropneumectomy, multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- Pneumatic compression, risks vs benefits in total joint surgery, 843, 844
- Pneumococcal pneumonia: See Pneumonia
- Pneumococcus: See *Streptococcus pneumoniae*
- Pneumocystis carinii* pneumonia: See Pneumonia, *Pneumocystis carinii*
- Pneumocytes, type II, proliferation of, and alteration in their apical surface membrane antigenicity in pulmonary sarcoidosis, 477
- Pneumectomy, respiratory distress following, 1461
- treatment of malignant pleural mesothelioma, 504
- Pneumonia, aspiration, intractable, satisfaction of patients treated surgically for, 1251
- bacteremic pneumococcal, in HIV-seropositive and HIV-seronegative adults, 107
- community-acquired, bacteremic, in an immunocompetent adult due to *Burkholderia cepacia*, 1842
- community-acquired, blood cultures for: no place to skip! 1153
- community-acquired cases, proportion of, attributable to tobacco smoking, 375
- community-acquired, multicenter study of grepafloxacin and clarithromycin in the treatment of patients with, 974
- [community-acquired] pneumococcal, impact of blood cultures on antibiotic therapy in, 1278
- community-acquired, severe, simplified prediction rule for prognosis of patients with, in ICUs, 157
- community-acquired, significance of serum vs tissue levels of antibiotics in the treatment of penicillin-resistant *Streptococcus pneumoniae* and: are we looking in the wrong place? 535
- community-acquired, value and complications of percutaneous transthoracic lung aspiration for the etiological diagnosis of, 1716
- guidelines in pulmonary medicine: a 25-year profile, 1046
- leptospiral, unilateral, and cold agglutinin disease, 830
- pneumococcal infections, randomized, crossover design study of the pharmacology of extended-spectrum fluoroquinolones for, 115
- Pneumocystis carinii*, downward trends in bronchoscopies performed between 1991 and 1997, 238
- Richter's transformation presenting as an obstructing endobronchial lesion, 832
- ventilator-associated, blood cultures have limited value in predicting severity of illness and as a diagnostic tool in, 1075
- [ventilator-associated] nosocomial: blood cultures remain useful, 859
- ventilator-associated, prevention of: does one size fit all? 1155
- ventilator-associated, randomized clinical trial of continuous aspiration of subglottic secretions in cardiac surgery patients, 1339
- [ventilator-associated] role of different routes of tracheal colonization in the development of, in patients receiving mechanical ventilation, 462
- Pneumonitis, herbicide exposure and, 1139
- nonspecific interstitial, development of, associated with long-term treatment of primary pulmonary hypertension with prostacyclin, 566
- Pneumoparotid due to spirometry, 1475
- Pneumoperitoneum, tension, associated with a pleural-peritoneal shunt, 827
- Pneumothorax, catamenial, and its relation to the peritoneal stomata of the diaphragm, 1843

- contralateral tension, following unilateral chest tube drainage of bilateral pneumothoraces in a heart-lung transplant patient, 1131
- evaluation of patient-related and procedure-related factors contributing to, following thoracentesis, 134
- primary spontaneous, detected during a medical checkup, 847
- primary spontaneous, physical development of surgically treated patients with, 899
- pulmonary cysts as the sole metastatic manifestation of soft tissue sarcoma, 263
- right, resulting from an endocardial screw-in atrial lead, 1133
- spontaneous, atmospheric pressure changes and outdoor temperature changes in relation to, 676
- thoracoscopy: window to the pleural space, 1409
- Poetry, stethoscope haiku, 1493
- voice from a modern hospital, 1833
- Point-of-care testing, technology introduction in critical care: just knowing the price is not enough! 1092
- Poisoning, acute paraquat intoxication: using nuclear pulmonary studies to predict patient outcome, 709
- carbon monoxide, intentional, 586
- dobutamine in severe scorpion envenomation: effects on standard hemodynamics, right ventricular performance, and tissue oxygenation, 748
- pine oil ingestion: a common cause of, 1822
- Polychondritis, relapsing, bronchiectasis in systemic diseases, 1063
- relapsing, endobronchial stenting for severe airway obstruction in, 825
- relapsing, management of airway manifestations of, 1669
- 35-year-old man with persistent cough, fever, and sore throat, 248
- Polymerase chain reaction, air sampling for tuberculosis—homage to the lowly guinea pig, 1143, 1144
- Polymorphism: See Genetics
- Polymyxins, use of aerosolized antibiotics in patients with cystic fibrosis, 775
- Position, body: See Posture
- Positive airway pressure, (BiPAP), use of a ventilatory support system for acute respiratory failure in the emergency department, 166
- continuous, effect of, vs placebo-CPAP on sleep quality in obstructive sleep apnea, 1545
- continuous, effects of humidification on nasal symptoms and compliance in sleep apnea patients using, 403
- continuous, [nasal], cardiogenic oscillations on the airflow signal during, as a marker of central apnea, 660
- continuous, nasal, comparison of oxygen therapy with, on Cheyne-Stokes respiration during sleep in congestive heart failure, 1550
- continuous, nasal, obstructive sleep apnea in infants and its management with, 10
- continuous, nasal, optimal, sleep supine position has a major effect on: relationship with rapid eye movements and non-rapid eye movements sleep, body mass index, respiratory disturbance index, and age, 1000
- continuous, nasal, self-adjusting therapy based on measurement of impedance: a comparison of two different maximum pressure levels [forced oscillation technique], 991
- continuous, obstructive sleep apnea treatment, 1495, 1496
- continuous, technologic advances in the treatment of obstructive sleep apnea syndrome, 1426
- continuous, treatment of sleep apnea: unmet needs, 1501
- Positive end-expiratory pressure, intrinsic, advances in respiratory monitoring during mechanical ventilation, 1416
- Positive pressure ventilation, determinants of aortic pressure variation during, in man, 176
- intermittent, wean from the tube not necessarily from the ventilator, 1495
- is emergency thoracotomy always the most appropriate immediate intervention for systemic air embolism after lung trauma? 234
- [nasal] noninvasive, clinical indications for, in chronic respiratory failure due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521
- noninvasive, efficacy and compliance with, in patients with chronic respiratory failure, 667
- noninvasive, facilitates tracheal extubation after laryngotracheal reconstruction in children, 260
- noninvasive, reengineering respiratory support following extubation: avoidance of critical care unit costs, 1025
- noninvasive, use of a ventilatory support system (BiPAP) for acute respiratory failure in the emergency department, 166
- Positron emission tomography: See Tomography, positron emission
- Postnasal drip syndrome, pathogenic triad in chronic cough: asthma, gastroesophageal reflux disease, and, 279
- Postoperative complications, acute pulmonary edema after lung transplantation: the pulmonary reimplantation response, 187
- anastomotic pulmonary hypertension after lung transplantation for primary pulmonary hypertension: report of surgical correction, 564
- bloody pericardial effusion in patients with cardiac tamponade: is the etiology cancerous, tuberculous or iatrogenic in the 1990's? 1564
- cardiopulmonary exercise testing as a screening test for perioperative management of major surgery in the elderly, 355
- characteristics of significant pericardial effusions following cardiothoracic surgery and outcomes of echo-guided pericardiocentesis, 322
- complement activation in coronary artery bypass grafting patients without cardiopulmonary bypass, 892
- contralateral tension pneumothorax following unilateral chest tube drainage of bilateral pneumothoraces in a heart-lung transplant patient, 1131
- liver transplantation: a critical care physician's personal odyssey, 789
- low incidence of posttransplant lymphoproliferative disorder in 109 lung transplant recipients, 1273
- mechanical ventilation in hematopoietic stem cell transplantation: can we effectively predict outcomes? 1012
- percutaneous dilational tracheostomy kits, 1498
- physician preferences for perioperative anticoagulation in patients with a mechanical heart valve who are undergoing elective noncardiac surgery, 1240
- pleurodural fistulas and neurologic manifestations, 584, 585
- prolonged air leak following upper lobectomy, 848
- pulmonary risk factors compromising postoperative recovery after surgical repair for congenital heart disease, 740
- respiratory distress following pneumonectomy, 1461
- saphenous vein graft infection: a fatal complication of postoperative mediastinitis, 1816
- successful treatment of prosthetic aortic valve mucormycosis, 1818
- surgical ICU recidivism after cardiac operations, 688
- Posture, sleep supine position has a major effect on optimal nasal continuous positive airway pressure: relationship with rapid eye movements and non-rapid eye movements sleep, body mass index, respiratory disturbance index, and age, 1000
- Potassium, arterial, exercise-induced rise in, in patients with chronic heart failure: relation to excessive exercise ventilation, 88
- Practice guidelines: See Guidelines
- Practolol, drugs and the pleura, 212
- Precision and bias: See Statistics
- Prednisolone, oral, followed by inhaled budesonide in newly diagnosed pulmonary sarcoidosis, 424
- Prednisone, health-related quality of life in moderate asthma, 1297
- prognosis in pediatric idiopathic pulmonary hemosiderosis, 721
- Pregnancy, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- Preload deficiency, left ventricular: See Ventricle, left
- Pressure-time product, advances in respiratory monitoring during mechanical ventilation, 1416
- Pressure-volume curves, advances in respiratory monitoring during mechanical ventilation, 1416
- Primary care, cardiology or, for heart failure in the community setting, 346
- office spirometry: does poor quality render it impractical? 276
- spirometry in: the importance of quality assurance and the impact of spirometry workshops, 416
- Primary effusion lymphoma: See Lymphoma
- Procainamide, drugs and the pleura, 212



- Procabazine, drugs and the pleura, 212
- Progesterone, hormone replacement therapy: a possible risk factor in carriers of familial primary pulmonary hypertension, 847
- Prognosis: See also APACHE; Mortality; Outcomes; pediatric idiopathic pulmonary hemosiderosis, 721
- simplified prediction rule for patients with severe community-acquired pneumonia in ICUs, 157
  - unfavorable, of patients with stage II non-small cell lung cancer associated with macroscopic nodal metastases, 144
- Propofol, containing sulfite—potential for injury, 1140
- Propylthiouracil, diffuse alveolar hemorrhage and pulmonary capillaritis due to, 1485
- drugs and the pleura, 212
- Prostacyclin, development of nonspecific interstitial pneumonitis associated with long-term treatment of primary pulmonary hypertension with, 566
- effects of long-term infusion of, on exercise performance in patients with primary pulmonary hypertension, 914
- Protease-related diseases: Wegener's granulomatosis and  $\beta_1$ -antitrypsin-deficiency emphysema, 253
- Proton-beam radiotherapy: See Radiotherapy
- Pseudallescheria boydii*, disseminated infection in a nonimmunocompromised host, 572
- Pseudoaneurysm, management of aortobronchial fistula with an aortic stent-graft, 255
- Pseudomonas aeruginosa*, relationship between bacterial flora in sputum and functional impairment in patients with acute exacerbations of COPD, 40
- use of aerosolized antibiotics in patients with cystic fibrosis, 775
- Psychology, definition of survival, 593
- effect of music on state anxiety scores in patients undergoing fiberoptic bronchoscopy, 819
  - intubation and mechanical ventilation for COPD: development of an instrument to elicit patient preferences, 792
- Public health, asthma in Chicago, Oct. Suppl. 1, 129S-236S
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
  - predicting active pulmonary tuberculosis using an artificial neural network, 968
- Publishing: See also Authors; Journals; CHEST at the millennium, 1501
- guidelines in pulmonary medicine: a 25-year profile, 1046
  - off-label use of approved drugs, 589
  - quality of writing in, 1494
- Pulmonary and critical care pearls, 51-year-old man with fever, ulnar neuropathy, and bilateral pleural effusions, 1105
- hemoptysis and dyspnea in a 67-year-old man with a normal chest radiograph, 803
  - pulmonary hypertension in a 45-year-old woman with recurrent deep venous thromboses, 560
  - 74-year-old man with chronic lymphocytic leukemia, cough, and a lung mass, 1798
  - 35-year-old man with persistent cough, fever, and sore throat, 248
  - 37-year-old man with severe head trauma, and a "hot nose" sign on brain flow study, 1468
- Pulmonary arteriovenous malformations: See Arteriovenous malformations
- Pulmonary artery, catheterization and esophageal Doppler monitoring in the ICU, 1085
- noninvasive estimation of diastolic pressure in patients with tricuspid regurgitation by Doppler echocardiography, 73
  - noninvasive estimation of right-sided pressures from spectral Doppler recordings of tricuspid and pulmonic regurgitant velocities, 1
- Pulmonary complications, bronchiectasis in systemic diseases, 1063
- evaluation of patient-related and procedure-related factors contributing to pneumothorax following thoracentesis, 134
  - evaluation of the cuff-leak test in a cardiac surgery population, 1029
  - liver transplantation: a critical care physician's personal odyssey, 789
  - primary pulmonary AIDS-related lymphoma, 1282
  - pulmonary risk factors compromising postoperative recovery after surgical repair for congenital heart disease, 740
  - tension pneumoperitoneum associated with a pleural-peritoneal shunt, 827
  - tick-borne pulmonary disease: update on diagnosis and management, 222
- Pulmonary cysts, 263
- Pulmonary diseases, advances in pulmonary laboratory testing, 1377
- CHEST 1999 scientific highlights: abstracts of original investigations and case reports, October 31-November 4, 1999, Chicago, Illinois, Oct. Suppl., 237S-442S
- cyclophosphamide in the treatment of: survey of use, training, and practitioner knowledge base, 1159
  - interstitial, emerging concepts in the evaluation of ventilatory limitation during exercise: the exercise tidal flow-volume loop, 488
  - nuclear magnetic resonance spectroscopy: its role in providing valuable insight into diverse clinical problems, 1434
  - restrictive, 521
  - tick-borne: update on diagnosis and management, 222
- Pulmonary diseases, chronic obstructive, abnormality of left ventricular sympathetic nervous function assessed by  $^{123}\text{I}$ -metaiodobenzylguanidine imaging in patients with, 1575
- acute exacerbations of, relationship between bacterial flora in sputum and functional impairment in patients with, 40
  - apples and oranges: flaws and guffaws, 1137, 1138
  - assessing respiratory resistance without spirometry, 268
  - chronic glucocorticoid therapy-induced osteoporosis in patients with obstructive lung disease, 1733
  - clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521
  - comparison of dyspnea vs disease severity in indicating the health-related quality of life of patients with, 1632
  - declining bone mass in men with chronic pulmonary disease: contribution of glucocorticoid treatment, body mass index and gonadal function, 1616
  - efficacy and compliance with noninvasive positive pressure ventilation in patients with chronic respiratory failure, 667
  - emerging concepts in the evaluation of ventilatory limitation during exercise: the exercise tidal flow-volume loop, 488
  - guidelines in pulmonary medicine: a 25-year profile, 1046
  - improvements in lung and respiratory muscle function following lung volume reduction surgery: smaller may be better, but how long does it last? 1507
  - interstitial, accuracy of the clinical diagnosis of new-onset idiopathic pulmonary fibrosis and other interstitial lung disease: a prospective study, 1168
  - interstitial, assessment of health-related quality of life in patients with, 1175
  - interstitial, emerging concepts in the evaluation of ventilatory limitation during exercise: the exercise tidal flow-volume loop, 488
  - intubation and mechanical ventilation for: development of an instrument to elicit patient preferences, 792
  - microsatellite DNA instability in, 47
  - obstructive sleep apnea treatment, 1495, 1496
  - office spirometry: does poor quality render it impractical? 276
  - patients with nocturnal hypoxemia, nocturnal efficiency and tolerance of a demand oxygen delivery system in, 22
  - physiological response to moderate exercise workloads in a pulmonary rehabilitation program in patients with varying degrees of airflow obstruction, 1200
  - pilot study of expiratory flow limitation and lung volume reduction surgery, 1762
  - prolonged air leak following upper lobectomy, 848
  - proportion of community-acquired pneumonia cases attributable to tobacco smoking, 375
  - relationships among pulmonary function, aerobic fitness, and cognitive functioning in older COPD patients, 953
  - severe, ambulatory oximetry monitoring in patients with: a preliminary study, 314
  - severe, effect of lung volume reduction surgery on bony thorax in, 30



- spirometry in primary care practice: the importance of quality assurance and the impact of spirometry workshops, 416
- stable, delayed type of hypersensitivity and late allergic reactions in patients with, 1625
- trends in the epidemiology of, in Canada, 1980 to 1995, 306
- Pulmonary edema, acute, after lung transplantation: the pulmonary reimplantation response, 187
- acute, exacerbation of, during assisted mechanical ventilation using a low tidal volume, lung protective ventilator strategy, 1826
- dobutamine in severe scorpion envenomation: effects on standard hemodynamics, right ventricular performance, and tissue oxygenation, 748
- electrical impedance tomography in the assessment of extravascular lung water in non-cardiogenic acute respiratory failure, 1695
- high-altitude, serial scintigraphic assessment of iodine-123 meta-iodobenzylguanidine lung uptake in a patient with, 1129
- 64-year-old man enters the ICU with hypotension and, associated with persistent chest pain, 1459
- Pulmonary embolism, acute, high prevalence of detectable deep venous thrombosis in patients with, 903
- acute, incidence of, in a general hospital: relation to age, sex, and race, 909
- lower extremity venography: still the gold standard, 853
- neural network analysis of the volumetric capnogram to detect, 1325
- pulmonary tumor embolism from primary cardiac B-cell lymphoma, 1489
- recent advances in pulmonary imaging, 1388
- reversible unilateral diaphragmatic paralysis in, 587
- risks vs benefits in total joint surgery, 843, 844
- successful treatment of right heart thromboemboli with IV recombinant tissue-type plasminogen activator during continuous echocardiographic monitoring: a case series report, 78
- vascular endothelial growth factor in pleural fluid, 760
- Pulmonary fibrosis, aerosol-derived airway morphometry and aerosol bolus dispersion in patients with lung emphysema and, 543
- assessment of health-related quality of life in patients with interstitial lung disease, 1175
- new-onset idiopathic, accuracy of the clinical diagnosis of, and other interstitial lung disease: a prospective study, 1168
- proliferation of type II pneumocytes and alteration in their apical surface membrane antigenicity in pulmonary sarcoidosis, 477
- Pulmonary function, airway obstruction in bronchial sarcoidosis: outcome with treatment, 1194
- chlorofluorocarbon-free triamcinolone acetone [for] adults with persistent asthma, 1304
- comparison of lung function in infants exposed to maternal smoking and in infants with a family history of asthma, 52
- corticosteroids in the emergency department therapy of acute adult asthma, 285
- effect of long-term salmeterol therapy compared with as-needed albuterol use on airway hyperresponsiveness, 595
- effects of antireflux surgery on asthmatics with gastroesophageal reflux, 766
- efficacy and compliance with noninvasive positive pressure ventilation in patients with chronic respiratory failure, 667
- four years after lung volume reduction surgery for emphysema, 1608
- gastroesophageal reflux and respiratory symptoms, 843
- hypoxemia and hypercapnia during exercise and sleep in patients with cystic fibrosis, 647
- improvements in lung and respiratory muscle function following lung volume reduction surgery: smaller may be better, but how long does it last? 1507
- in survivors of childhood acute lymphoblastic leukemia, 1163
- incidence, prevalence, and severity of sarcoidosis in New York City firefighters, 1183
- lower, and cerebral subclinical abnormalities detected by MRI, 150
- lung function and cardiopulmonary exercise performance after heart transplantation: influence of cardiac allograft vasculopathy, 332
- lymphocyte glutathione levels in children with cystic fibrosis, 201
- neural drive to the diaphragm after lung volume reduction surgery, 1593
- office spirometry: does poor quality render it impractical? 276
- oral prednisolone followed by inhaled budesonide in newly diagnosed pulmonary sarcoidosis, 424
- pilot study of expiratory flow limitation and lung volume reduction surgery, 1762
- recent advances in pulmonary imaging, 1388
- recovery from blast lung injury: one-year follow-up, 1683
- relationship between bacterial flora in sputum and functional impairment in patients with acute exacerbations of COPD, 40
- relationships among aerobic fitness, cognitive functioning and, in older COPD patients, 953
- small airways obstruction syndrome, 231
- spirometry in primary care practice: the importance of quality assurance and the impact of spirometry workshops, 416
- staging of bronchiolitis obliterans syndrome using home spirometry, 120
- underdiagnosis and undertreatment of asthma in the elderly, 603
- value of clinical, functional and oximetric data for the prediction of obstructive sleep apnea in obese patients, 1537
- weight gain after lung volume reduction surgery is not correlated with improvement in pulmonary mechanics, 1601
- Pulmonary function tests, can bronchiolitis obliterans syndrome be diagnosed by phone from the comfort of home? 5
- "diagnostic," 587
- pneumoparotid due to spirometry, 1475
- Pulmonary gas exchange, advances in respiratory monitoring during mechanical ventilation, 1416
- effect of varying inspiratory to expiratory ratio on gas exchange in partial liquid ventilation, 1032
- efficacy and compliance with noninvasive positive pressure ventilation in patients with chronic respiratory failure, 667
- tidal flow-volume analysis of ventilation during exercise: a useful approach for diagnosing the mechanism of ventilatory limitation to exercise during cardiopulmonary exercise testing, 277
- Pulmonary hemosiderosis: See Hemosiderosis
- Pulmonary infections, allergic bronchopulmonary aspergillosis in cystic fibrosis: reported prevalence, regional distribution, and patient characteristics, 639
- clinical host response to microbial infection in medical patients with fever, 380
- disseminated *Pseudallescheria boydii* infection in a nonimmunocompromised host, 572
- penetration of ceftibuten into the respiratory tract, 369
- specific antibody response against the 23-valent pneumococcal vaccine in patients with  $\alpha_1$ -antitrypsin deficiency with and without bronchiectasis, 946
- young man with two large lung masses, 814
- Pulmonary infiltrates, eosinophilia in Wegener's granulomatosis: a case report, 1480
- new pulmonary lesions during therapy for extrapulmonary tuberculosis, 1794
- Pulmonary lesions, peripheral, 139, 704
- Pulmonary manifestations in nonpulmonary diseases: See Gastroesophageal reflux; Lung; specific manifestations and diseases, e.g., Sclerosis, systemic
- Pulmonary medicine, CHEST 1999 scientific highlights: abstracts of original investigations and case reports, October 31-November 4, 1999, Chicago, Illinois, Oct. Suppl., 237S-442S
- cyclophosphamide in the treatment of pulmonary diseases: survey of use, training, and practitioner knowledge base, 1159
- draft oxygen, 589
- guidelines in pulmonary medicine: a 25-year profile, 1046
- Pulmonary neoplasms, advances in bronchoscopic procedures, 1403
- clinical conference on management dilemmas: bullous hand pustules in a patient treated for lung cancer, 549
- conditional survival among patients with carcinoma of the lung, 697
- definition of survival, 593
- "diagnostic" pulmonary function tests, 587
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- multiple pulmonary nodules in an asymptomatic patient, 245

- Nd-YAG laser vs bronchoscopic electrocautery for palliation of symptomatic airway obstruction: a cost-effectiveness study, 1108
- [non-small cell] early-stage lung cancer, proton-beam radiotherapy for, 1313
- non-small cell, is meta-analysis really meta-physics? 539
- non-small cell lung cancer, stage II, associated with macroscopic nodal metastases, unfavorable prognosis of patients with, 144
- [non-small cell] multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- non-small cell, multimodality treatment of malignant superior vena caval syndrome, 835
- peripheral pulmonary lesions, 139, 704
- prolonged air leak following upper lobectomy, 848
- recent advances in pulmonary imaging, 1388
- 74-year-old man with chronic lymphocytic leukemia, cough, and a lung mass, 1798
- small cell and non-small cell, platelet-derived endothelial cell growth factor/thymidine phosphorylase concentrations differ in, 206
- thoracoscopy: window to the pleural space, 1409
- tracheal bronchus associated with lung cancer, 1125
- value of transbronchial needle aspiration in the diagnosis of peripheral pulmonary lesions, 704
- vascular endothelial growth factor in pleural fluid, 760
- video-assisted thoracic surgical non-rib spreading simultaneously stapled lobectomy: a more patient-friendly oncologic resection, 1119
- Pulmonary nodules, multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- multiple, in an asymptomatic patient, 245
- primary pulmonary AIDS-related lymphoma, 1282
- recent advances in pulmonary imaging, 1388
- small subpleural, repeated ultrasonically guided needle biopsy of, 1320
- Pulmonary rehabilitation: See Rehabilitation
- Pulmonary reimplantation response, acute pulmonary edema after lung transplantation, 187
- Pulmonary sarcoidosis: See Sarcoidosis
- Pulmonary vascular system, tone and resistance, human and porcine, acute effects of dexfenfluramine, 921
- Pulmonology: See Pulmonary medicine
- Pulse amplitude ratio, is blood pressure response to the Valsalva maneuver related to neurohormones, exercise capacity, and clinical findings in heart failure? 861
- Pulse oximetry: See Oximetry
- Pulsus paradoxus, pulse oximetry for assessment of, 1491
- Purified protein derivative, "won't get fooled again" (by tuberculosis), 856
- Quality, poor, does it render office spirometry impractical? 276
- Quality assurance, spirometry in primary care practice: the importance of, and the impact of spirometry workshops, 416
- surgical ICU recidivism after cardiac operations, 688
- Quality of life, assessment of, in patients with interstitial lung disease, 1175
- cardiology or primary care for heart failure in the community setting, 346
- in moderate asthma, 1297
- of patients with COPD, dyspnea vs the disease severity in indicating, 1632
- underdiagnosis and undertreatment of asthma in the elderly, 603
- Question of the month: See ACCP-SEEK board review question of the month
- Questionnaires, assessment of health-related quality of life in patients with interstitial lung disease, 1175
- dyspnea vs the disease severity in indicating the health-related quality of life of patients with COPD, 1632
- husker days and fever nights: counting cases of organic dust toxic syndrome, 1157
- Rabbits, antithymocyte globulin decreases acute rejection after lung transplantation: results of a randomized, prospective study, 127
- effect of varying inspiratory to expiratory ratio on gas exchange in partial liquid ventilation, 1032
- hydrogen peroxide in the lung parenchyma stimulates vagally mediated phrenic activity, 1365
- utility of daily therapeutic thoracentesis for the treatment of early empyema, 1703
- Race, incidence of acute pulmonary embolism in a general hospital: relation to age, sex, and, 909
- Radiation therapy: See Radiotherapy
- Radioaerosols, acute paraquat intoxication: using nuclear pulmonary studies to predict patient outcome, 709
- Radiography: See also Roentgenogram of the month; accuracy of the clinical diagnosis of new-onset idiopathic pulmonary fibrosis and other interstitial lung disease: a prospective study, 1165
- computed, 1388
- does aging modify pulmonary tuberculosis? a meta-analytical review, 961
- energy subtraction, 1388
- hemoptysis and dyspnea in a 67-year-old man with a normal chest radiograph, 803
- incidence, prevalence, and severity of sarcoidosis in New York City firefighters, 1183
- interobserver variability in applying a radiographic definition for ARDS, 1347
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- pulmonary arteriovenous malformations: patients with hereditary hemorrhagic telangiectasia, 432
- role of sinus imaging in the treatment of chronic cough in adults, 1287
- Radionuclide imaging: See Scintigraphy
- Radiotherapy, intraluminal, endobronchial metastasis from osteosarcoma of bone: treatment with, 1811
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- multimodality treatment of malignant superior vena caval syndrome, 835
- postoperative, is meta-analysis really meta-physics? 539
- proton-beam, for early-stage lung cancer, 1313
- successful management of adenoid cystic carcinoma of the trachea by laser and irradiation, 269
- [total body irradiation] mechanical ventilation in hematopoietic stem cell transplantation, 1012
- treatment of malignant pleural mesothelioma, 504
- unfavorable prognosis of patients with stage II non-small cell lung cancer associated with macroscopic nodal metastases, 144
- Rapid eye movements: See Sleep
- Rash: See Skin
- Reactive airway dysfunction syndrome, 1780
- Receiver operating characteristics curve analysis: See ROC curve analysis
- Recidivism in intensive care: See Critical care
- Red blood cells: See Blood, transfusion
- Reengineering respiratory support following extubation: avoidance of critical care unit costs, 1025
- Regurgitant velocities, tricuspid, pulmonic, 1
- Rehabilitation, pulmonary, physiological response to moderate exercise workloads in, in patients with varying degrees of airflow obstruction, 1200
- tidal flow-volume analysis of ventilation during exercise: a useful approach for diagnosing the mechanism of ventilatory limitation to exercise during cardiopulmonary exercise testing, 277
- Reimbursement, draft oxygen, 589
- Reintubation: See Intubation
- REM (rapid eye movements): See Sleep
- Reminders, chart: See Medical records
- Research, acute lung injury: 41st Annual Thomas L. Petty Aspen Lung Conference, July Suppl., 1S-127S
- aging lung and possible animal models, 1145
- asthma and gastroesophageal reflux disease: the truth is difficult to define, 1150
- asthma in Chicago, Oct. Suppl. 1, 129S-236S

- CHEST 1999 scientific highlights: abstracts of original investigations and case reports, October 31-November 4, 1999, Chicago, Illinois, Oct. Suppl., 237S-442S
- guidelines in pulmonary medicine: a 25-year profile, 1046
- husker days and fever nights: counting cases of organic dust toxic syndrome, 1157
- in developing countries, 585
- is meta-analysis really meta-physics? 539
- lessons learned from studies of the standard exercise ECG test, 1442
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- off-label use of approved drugs, 589
- pilot study of expiratory flow limitation and lung volume reduction surgery, 1762
- rationale and design of the National Emphysema Treatment Trial: prospective randomized trial of lung volume reduction surgery, 1750
- steroids in acute exacerbation of asthma: how do we grade the evidence? 273; erratum, 1499
- valid information from sputum: don't throw out the baby with the bath water, 6
- Residual volume, small airways obstruction syndrome, 231
- Respiration, advances in respiratory monitoring during mechanical ventilation, 1416
- Cheyne-Stokes, comparison of oxygen therapy with nasal continuous positive airway pressure on, during sleep in congestive heart failure, 1550
- emerging concepts in the evaluation of ventilatory limitation during exercise: the exercise tidal flow-volume loop, 488
- exercise-induced rise in arterial potassium in patients with chronic heart failure: relation to excessive exercise ventilation, 88
- gastroesophageal reflux and respiratory symptoms, 843
- impaired swallowing reflex in patients with obstructive sleep apnea syndrome, 17
- prevalence of snoring and sleep-disordered breathing in a student population, 1530
- route of breathing in inpatients with asthma, 1646
- tidal flow-volume analysis of ventilation during exercise: a useful approach for diagnosing the mechanism of ventilatory limitation to exercise during cardiopulmonary exercise testing, 277
- Respiration, artificial, advances in respiratory monitoring during mechanical ventilation, 1416
- effect of varying inspiratory to expiratory ratio on gas exchange in partial liquid ventilation, 1032
- exacerbation of acute pulmonary edema during assisted mechanical ventilation using a low tidal volume, lung protective ventilator strategy, 1826
- four-year experience with a unit for long-term ventilation (respiratory special care unit) at the Cleveland Clinic Foundation, 447
- hand washing and use of gloves while managing patients receiving mechanical ventilation in the ICU, 172
- intubation and mechanical ventilation for COPD: development of an instrument to elicit patient preferences, 792
- lack of influence of gender on outcomes of mechanically ventilated medical ICU patients, 732
- management of airway manifestations of relapsing polychondritis, 1669
- mechanical ventilation in hematopoietic stem cell transplant patients: is there need for reevaluation? 857
- mechanical ventilation in hematopoietic stem cell transplantation: can we effectively predict outcomes? 1012
- role of different routes of tracheal colonization in the development of pneumonia in patients receiving mechanical ventilation, 462
- use of a ventilatory support system (BiPAP) for acute respiratory failure in the emergency department, 166
- Respiration, artificial, weaning from: See Ventilator weaning
- Respirators, protective, 1452
- Respiratory care: See Respiration, artificial
- Respiratory diseases: See Pulmonary diseases; names of specific diseases, *e.g.*, Respiratory distress syndrome, adult
- Respiratory distress, following pneumonectomy, 1461
- liver transplantation: a critical care physician's personal odyssey, 789
- Respiratory distress syndrome, adult, acute lung injury: 41st Annual Thomas L. Petty Aspen Lung Conference, July Suppl., 1S-127S
- electrical impedance tomography in the assessment of extravascular lung water in non-cardiogenic acute respiratory failure, 1695
- high-frequency percussive ventilation improves oxygenation in patients with, 440
- interobserver variability in applying a radiographic definition for, 1347
- pulmonary neutrophil accumulation following human endotoxemia, 1709
- Respiratory disturbance index, effect of CPAP vs placebo-CPAP on sleep quality in obstructive sleep apnea, 1545
- obstructive sleep apnea treatment, 1495, 1496
- sleep supine position has a major effect on optimal nasal continuous positive airway pressure: relationship with rapid eye movements and non-rapid eye movements sleep, body mass index, age, and, 1000
- Respiratory failure: See also Respiration, artificial; acute, non-cardiogenic, electrical impedance tomography in the assessment of extravascular lung water in, 1695
- acute, use of a ventilatory support system (BiPAP) for, in the emergency department, 166
- chronic, clinical indications for noninvasive positive pressure ventilation in, due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521
- chronic, efficacy and compliance with noninvasive positive pressure ventilation in patients with, 667
- clinical conference on management dilemma: obstructive sleep apnea and, 1786
- four-year experience with a unit for long-term ventilation (respiratory special care unit) at the Cleveland Clinic Foundation, 447
- intubation and mechanical ventilation for COPD: development of an instrument to elicit patient preferences, 792
- predicting 3-day and 7-day outcomes of weaning from mechanical ventilation, 456
- simplified prediction rule for prognosis of patients with severe community-acquired pneumonia in ICUs, 157
- Respiratory infections: See Pneumonia; Pulmonary infections; Tuberculosis
- Respiratory muscles, function following lung volume reduction surgery, 1507
- hypoxemia and hypercapnia during exercise and sleep in patients with cystic fibrosis, 647
- [resting hypothesis], 521
- Respiratory resistance: See Airway, resistance
- Respiratory sounds, 633
- Respiratory support, reengineering, following extubation: avoidance of critical care unit costs, 1025
- Respiratory tract penetration: See Ceftibuten
- Restraints, prudent use, 843
- Retrograde cerebral perfusion: See Heart surgery
- Retroviruses: See Antiretroviral therapy
- Reviews, advances in the treatment of malignant pleural mesothelioma, 504
- bronchiectasis in systemic diseases, 1063
- chronic glucocorticoid therapy-induced osteoporosis in patients with obstructive lung disease, 1733
- drugs and the pleura, 212
- effects of antireflux surgery on asthmatics with gastroesophageal reflux, 766
- emerging concepts in the evaluation of ventilatory limitation during exercise: the exercise tidal flow-volume loop, 488
- guidelines in pulmonary medicine: a 25-year profile, 1046
- inhalational anthrax, 1369
- tick-borne pulmonary disease: update on diagnosis and management, 222
- value and complications of percutaneous transthoracic lung aspiration for the etiological diagnosis of community-acquired pneumonia, 1716
- Rheumatologic diseases, bronchiectasis in systemic diseases, 1063

- Rib cage, effect of lung volume reduction surgery on bony thorax in severe COPD, 30
- Rib fractures, delayed traumatic hemothorax on ticlopidine and aspirin for coronary stent, 257
- Richter's transformation, presenting as an obstructing endobronchial lesion, 832
- Rickettsia rickettsii*, 222
- Risk/benefit analysis, do no harm, 1147
- Risk factors, surgical: See Postoperative complications; Surgery
- RNA, 1143, 1144
- ROC curve analysis, 582, 583
- Rocky Mountain spotted fever, 222
- Roentgenogram of the month, HIV-infected patient with pleural effusion, 1113
- multiple pulmonary nodules in an asymptomatic patient, 245
- new pulmonary lesions during therapy for extrapulmonary tuberculosis, 1794
- respiratory distress following pneumonectomy, 1461
- 27-year-old woman with cough, dyspnea, and wheezing, 557
- young man with two large lung masses, 814
- Roundup: See Herbicides
- Safety: See Accidents
- Saiko: See Herbal remedies
- St. George's Respiratory Questionnaire, assessment of health-related quality of life in patients with interstitial lung disease, 1175
- Salbutamol: See Albuterol
- Salmeterol, apples and oranges: flaws and guffaws, 1137, 1138
- effect of long-term therapy compared with as-needed albuterol use on airway hyperresponsiveness, 595
- fluticasone alone or in combination with, vs triamcinolone in asthma, 625
- inhaled corticosteroids, tolerance to allergen bronchoprotection, and, 1497
- xinafoic acid is not a solvent for, 1138
- Saphenous vein, graft, fifth ACCP consensus conference on anti-thrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl.):439S-769S [Oct. Insert])
- graft infection: a fatal complication of postoperative mediastinitis, 1816
- Sarcoidosis, assessment of health-related quality of life in patients with interstitial lung disease, 1175
- bronchial, airway obstruction in: outcome with treatment, 1194
- bronchiectasis in systemic diseases, 1063
- incidence, prevalence, and severity of, in New York City firefighters, 1183
- interferon- $\alpha$  therapy associated with the development of, 569
- pulmonary, newly diagnosed, oral prednisolone followed by inhaled budesonide in, 424
- pulmonary, proliferation of type II pneumocytes and alteration in their apical surface membrane antigenicity in, 477
- Sarcoma, soft-tissue, 263
- Sbarbaro, John, new *CHEST* editorial board members, 9
- Scintigraphy, acute paraquat intoxication: using nuclear pulmonary studies to predict patient outcome, 709
- detection and evaluation of asymptomatic myocarditis in school-children: report of four cases, 340
- lower extremity venography: still the gold standard, 853
- neural network analysis of the volumetric capnogram to detect pulmonary embolism, 1325
- recent advances in pulmonary imaging, 1388
- serial, assessment of iodine-123 metaiodobenzylguanidine lung uptake in a patient with high-altitude pulmonary edema, 1129
- Scleroderma, is anti-topoisomerase I a serum marker of pulmonary involvement in systemic sclerosis? 715
- Sclerosis, systemic, is anti-topoisomerase I a serum marker of pulmonary involvement in? 715
- Sclerotherapeutic agents, drugs and the pleura, 212
- Scorpion, envenomation, severe, dobutamine in: effects on standard hemodynamics, right ventricular performance, and tissue oxygenation, 748
- Secretions: See Aspiration
- SEER (Surveillance Epidemiology and End Results: SeeR) Program: See US National Cancer Institute
- Sepsis, clinical host response to microbial infection in medical patients with fever, 380
- severe, persistent preload defect in, despite fluid loading, 1354
- Septic shock: See Shock, septic
- Serotonin, acute effects of dexfenfluramine on human and porcine pulmonary vascular tone and resistance, 921
- Severity of illness, blood cultures have limited value in predicting, and as a diagnostic tool in ventilator-associated pneumonia, 1075
- dyspnea vs, in indicating the health-related quality of life of patients with COPD, 1632
- lack of influence of gender on outcomes of mechanically ventilated medical ICU patients, 732
- occurrence, recrudescence, and worsening of asthma in a population of young adults: impact of varying types of occupation, 614
- predicting 3-day and 7-day outcomes of weaning from mechanical ventilation, 456
- underdiagnosis and undertreatment of asthma in the elderly, 603
- Sex differences in health: See Men, Women
- Shock, cardiogenic, 64-year-old man enters the ICU with hypotension and pulmonary edema associated with persistent chest pain, 1459
- management of acute myocardial infarction with hypotension, 1464
- Shock, septic, oxygen delivery in, 1145
- persistent preload defect in severe sepsis despite fluid loading, 1354
- simplified prediction rule for prognosis of patients with severe community-acquired pneumonia in ICUs, 157
- Shunt, carcinoid-related intrapulmonary shunting may be associated with increased production of nitric oxide, 1838
- pleural-peritoneal, tension pneumoperitoneum associated with, 827
- pleuroperitoneal, treatment of malignant pleural mesothelioma, 504
- pulmonary arteriovenous malformations: patients with hereditary hemorrhagic telangiectasia, 432
- Sialyl Lewis X-i antigen in pleural effusion, 582, 583
- Simian virus 40 (SV 40), multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- Simvastatin, drugs and the pleura, 212
- Single-photon emission CT (SPECT) see Tomography, computed, single-photon emission
- Sinus imaging, role of, in the treatment of chronic cough in adults, 1287
- Sinusitis, pathogenic triad in chronic cough: asthma, postnasal drip syndrome, and gastroesophageal reflux disease, 279
- SIRS: See Systemic inflammatory response syndrome
- Sjögren's syndrome, bronchiectasis in systemic diseases, 1063
- Skin, clinical host response to microbial infection in medical patients with fever, 380
- is anti-topoisomerase I a serum marker of pulmonary involvement in systemic sclerosis? 715
- rash, tick-borne pulmonary disease: update on diagnosis and management, 222
- Sleep, clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521
- comparison of oxygen therapy with nasal continuous positive airway pressure on Cheyne-Stokes respiration during, in congestive heart failure, 1550
- disordered breathing, prevalence of snoring and, in a student population, 1530
- histories, performance of, in an ambulatory medicine clinic: impact of simple chart reminders, 1558
- hypoxemia and hypercapnia during exercise and, in patients with cystic fibrosis, 647
- relationship of arousals from, to sympathetic nervous system activity and BP in obstructive sleep apnea, 655
- supine position has a major effect on optimal nasal continuous positive airway pressure: relationship with rapid eye move-



- ments and non-rapid eye movements sleep, body mass index, respiratory disturbance index, and age, 1000
- underdiagnosis and undertreatment of asthma in the elderly, 603
- Sleep apnea, evaluation of variable mandibular advancement appliance for treatment of snoring and, 1511
- Sleep apnea, central, cardiogenic oscillations on the airflow signal during continuous positive airway pressure as a marker of, 660
- clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521
- Sleep apnea syndromes, treatment of: unmet needs, 1501
- Sleep apnea syndromes, obstructive, clinical conference on management dilemma: respiratory failure and, 1786
- clinical indications for noninvasive positive pressure ventilation in chronic respiratory failure due to restrictive lung disease, COPD, and nocturnal hypoventilation—a consensus conference report, 521
- effect of CPAP vs placebo-CPAP on sleep quality in obstructive sleep apnea, 1545
- effects of humidification on nasal symptoms and compliance in patients using continuous positive airway pressure, 403
- impaired swallowing reflex in patients with, 17
- in infants and its management with nasal continuous positive airway pressure, 10
- maxillomandibular advancement surgery in a site-specific treatment approach for, in 50 consecutive patients, 1519
- neural network prediction of, from clinical criteria, 409
- performance of sleep histories in an ambulatory medicine clinic: impact of simple chart reminders, 1558
- perioperative cardiopulmonary evaluation and management: are we ignoring [OSAS]? 1843
- relationship of arousals from sleep to sympathetic nervous system activity and BP in, 655
- self-adjusting nasal continuous positive airway pressure therapy based on measurement of impedance: a comparison of two different maximum pressure levels, 991
- sleep supine position has a major effect on optimal nasal continuous positive airway pressure: relationship with rapid eye movements and non-rapid eye movements sleep, body mass index, respiratory disturbance index, and, 1000
- technologic advances in the treatment of, 1426
- treatment, 1495, 1496
- value of clinical, functional and oximetric data for the prediction of, in obese patients, 1537
- why the upper airway is not like a gall bladder, 1503
- Smoking, cigarette, effect of, on exhaled nitric oxide in mild steroid-naïve asthmatics, 59
- effect of sputum induction on spirometric measurements and arterial oxygen saturation in asthmatic patients, smokers, and healthy subjects, 941
- maternal, comparison of lung function in infants exposed to, and in infants with a family history of asthma, 52
- microsatellite DNA instability in COPD, 47
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- proportion of community-acquired pneumonia cases attributable to, 375
- relationship between bacterial flora in sputum and functional impairment in patients with acute exacerbations of COPD, 40
- Snoring, evaluation of variable mandibular advancement appliance for treatment of sleep apnea and, 1511
- prevalence of sleep-disordered breathing and, in a student population, 1530
- Sodium morrhuate, drugs and the pleura, 212
- Sodium pumps, [NaK-ATPase] acute lung injury: 41st Annual Thomas L. Petty Aspen Lung Conference, July Suppl., 1S-127S
- Soft-tissue sarcoma: See Sarcoma
- Sore throat, 35-year-old man with persistent cough, fever, and, 248
- Sounds, tracheal, 633
- Special reports, 789, 1750
- SPECT (single-photon emission CT) see Tomography, computed, single-photon emission
- Spectroscopy, nuclear magnetic resonance: its role in providing valuable insight into diverse clinical problems, 1434
- Spinal tuberculosis, thoracic, video-assisted thoracic surgery diagnosis of thoracic spinal tuberculosis, 1471
- Spindle cells, multiple pulmonary nodules in an asymptomatic patient, 245
- Spirometry, assessing respiratory resistance without, 268
- can bronchiolitis obliterans syndrome be diagnosed by phone from the comfort of home? 5
- effect of sputum induction on measurements and arterial oxygen saturation in asthmatic patients, smokers, and healthy subjects, 941
- home, staging of bronchiolitis obliterans syndrome using, 120
- husker days and fever nights: counting cases of organic dust toxic syndrome, 1157
- in primary care practice: the importance of quality assurance and the impact of spirometry workshops, 416
- office: does poor quality render it impractical? 276
- pneumoparotid due to, 1475
- substitution of arm span for standing height is important for the assessment of predicted value of lung volumes in elderly people with osteoporosis, 1837
- underdiagnosis and undertreatment of asthma in the elderly, 603
- Spondylitis, ankylosing, bronchiectasis in systemic diseases, 1063
- video-assisted thoracic surgery diagnosis of thoracic spinal tuberculosis, 1471
- Sports, emerging concepts in the evaluation of ventilatory limitation during exercise: the exercise tidal flow-volume loop, 488
- Sprague, Otho S. A., Memorial Institute's Asthma Initiative, asthma in Chicago, Oct. Suppl. 1, 129S-236S
- Sputum, *in vitro* comparison of the mucoactive properties of guaifenesin, iodinated glycerol, surfactant, and albuterol, 195
- induced, assessment of hazardous dust exposure by BAL and, vol. 115:1720; clarification, vol. 116:588
- induction, effect of, on spirometric measurements and arterial oxygen saturation in asthmatic patients, smokers, and healthy subjects, 941
- microsatellite DNA instability in COPD, 47
- relationship between bacterial flora in, and functional impairment in patients with acute exacerbations of COPD, 40
- smears, significance of the persistent presence of acid-fast bacilli in, in pulmonary tuberculosis, 726
- valid information from: don't throw out the baby with the bath water, 6
- St. George's Respiratory Questionnaire, assessment of health-related quality of life in patients with interstitial lung disease, 1175
- Staging, cancer: See Neoplasm staging
- State-trait anxiety: See Anxiety
- Statistics, bias and precision in noninvasive monitoring, 1140
- conditional survival among patients with carcinoma of the lung, 697
- definition of survival, 593
- dyspnea differentiation index: a new method for the rapid separation of cardiac vs pulmonary dyspnea, 1100
- is meta-analysis really meta-physics? 539
- Stem cells, hematopoietic, transplantation, 857, 1012
- Stenosis, tracheobronchial: See Tracheobronchial stenosis
- Stents, advances in bronchoscopic procedures, 1403
- coronary, delayed traumatic hemothorax on ticlopidine and aspirin for, 257
- endobronchial, for severe airway obstruction in relapsing polychondritis, 825
- fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- management of airway manifestations of relapsing polychondritis, 1669
- management of aortobronchial fistula with an aortic stent-graft, 255
- Sternotomy, complement activation in coronary artery bypass grafting patients without cardiopulmonary bypass, 892
- Steroids: See Corticosteroids
- Stethoscope haiku, 1493



- Stomach, role of different routes of tracheal colonization in the development of pneumonia in patients receiving mechanical ventilation, 462
- Storms: See Weather
- Streptococcus pneumoniae*, bacteremic pneumococcal pneumonia in HIV-seropositive and HIV-seronegative adults, 107
- blood cultures for community-acquired pneumonia: no place to skimp! 1153
- impact of blood cultures on antibiotic therapy in pneumococcal pneumonia, 1278
- penicillin-resistant, and community acquired pneumonia, significance of serum vs tissue levels of antibiotics in the treatment of: are we looking in the wrong place? 535
- randomized, crossover design study of the pharmacology of extended-spectrum fluoroquinolones for pneumococcal infections, 115
- specific antibody response against the 23-valent pneumococcal vaccine in patients with  $\alpha_1$ -antitrypsin deficiency with and without bronchiectasis, 946
- Streptokinase, for endobronchial blood clots, 587
- Stroke, ischemic, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from CHEST 1998; 114(suppl):439S-769S [Oct. Insert])
- Stroke volume, mechanism of overshoot in cardiac function during recovery from submaximal exercise in man, 868
- Students, prevalence of snoring and sleep-disordered breathing in a student population, 1530
- Suicide, intentional carbon monoxide poisoning, 586
- Sulfite, propofol containing—potential for injury, 1140
- Superior vena caval syndrome, malignant: See Vena cava
- Supine position: See Posture
- Surfactant, 195
- Surgery: See also Postoperative complications; names of specific procedures, or types of surgery, e.g. Coronary artery bypass graft; Heart surgery; Lobectomy; Lung volume reduction surgery; advances in bronchoscopic procedures, 1403
- advances in the treatment of malignant pleural mesothelioma, 504
- antireflux, effects of, on asthmatics with gastroesophageal reflux, 766
- chronic diaphragmatic hernia, 1838
- chylothorax in children: guidelines for diagnosis and management, 682
- elective noncardiac, physician preferences for perioperative anticoagulation in patients with a mechanical heart valve who are undergoing, 1240
- ICU recidivism after cardiac operations, 688
- major, cardiopulmonary exercise testing as a screening test for perioperative management of, in the elderly, 355
- maxillomandibular advancement, in a site-specific treatment approach for obstructive sleep apnea in 50 consecutive patients, 1519
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- multimodality treatment of malignant superior vena caval syndrome, 835
- percutaneous tracheostomy is really better—if done correctly, 1138
- perioperative cardiopulmonary evaluation and management: are we ignoring obstructive sleep apnea syndrome? 1843
- physical development of surgically treated patients with primary spontaneous pneumothorax, 899
- satisfaction of patients treated for intractable aspiration, 1251
- successful treatment of prosthetic aortic valve mucormycosis, 1818
- technologic advances in the treatment of obstructive sleep apnea syndrome, 1426
- total joint, risks vs benefits in, 843, 844
- unfavorable prognosis of patients with stage II non-small cell lung cancer associated with macroscopic nodal metastases, 144
- why the upper airway is not like a gall bladder, 1503
- Surveillance Epidemiology and End Results Program: See(R): See US National Cancer Institute
- Survival, acute pulmonary edema after lung transplantation: the pulmonary reimplantation response, 187
- cisplatin, mitomycin, and interferon- $\alpha$ 2a combination chemioimmunotherapy in the treatment of diffuse malignant pleural mesothelioma, 391
- conditional, among patients with carcinoma of the lung, 697
- definition of, 593
- four-year experience with a unit for long-term ventilation (respiratory special care unit) at the Cleveland Clinic Foundation, 447
- lung function and cardiopulmonary exercise performance after heart transplantation: influence of cardiac allograft vasculopathy, 332
- mechanical ventilation in hematopoietic stem cell transplant patients: is there need for reevaluation? 857
- mechanical ventilation in hematopoietic stem cell transplantation: can we effectively predict outcomes? 1012
- multimodality treatment of malignant superior vena caval syndrome, 835
- prognosis in pediatric idiopathic pulmonary hemosiderosis, 721
- proton-beam radiotherapy for early-stage lung cancer, 1313
- rationale and design of the National Emphysema Treatment Trial: prospective randomized trial of lung volume reduction surgery, 1750
- recovery from blast lung injury: one-year follow-up, 1683
- unfavorable prognosis of patients with stage II non-small cell lung cancer associated with macroscopic nodal metastases, 144
- video-assisted thoracic surgical non-rib spreading simultaneously stapled lobectomy: a more patient-friendly oncologic resection, 1119
- SV40: See Simian virus 40
- Swallowing, impaired reflex in patients with obstructive sleep apnea syndrome, 17
- Swine, acute effects of dexfenfluramine on human and porcine pulmonary vascular tone and resistance, 921
- effect of contrast media on coronary vascular resistance: contrast-induced coronary vasodilation, 1039
- Sympathetic nervous system, abnormality of left ventricular assessed by  $^{123}\text{I}$ -metaiodobenzylguanidine imaging in patients with chronic obstructive pulmonary disease, 1575
- activity, relationship of arousals from sleep to BP and, in obstructive sleep apnea, 655
- Systemic inflammatory response syndrome, clinical host response to microbial infection in medical patients with fever, 380
- Systemic lupus erythematosus: See Lupus erythematosus, systemic
- Systole, determinants of aortic pressure variation during positive-pressure ventilation in man, 176
- noninvasive estimation of right-sided pressures from spectral Doppler recordings of tricuspid and pulmonic regurgitant velocities, 1
- Tachycardia, 55-year-old man with acute myocardial infarction develops, following balloon angioplasty, 243
- management of acute myocardial infarction with hypotension, 1464
- Tachypnea, hydrogen peroxide in the lung parenchyma stimulates vagally mediated phrenic activity, 1365
- Talc, systemic distribution of, 266
- Technetium diethylenetriamine pentaacetate (DTPA), acute parquat intoxication: using nuclear pulmonary studies to predict patient outcome, 709
- Technology, introduction in critical care: just knowing the price is not enough! 1092
- Technology, emerging: See Global theme issue: emerging technology in clinical medicine
- Telangiectasia, hereditary hemorrhagic, pulmonary arteriovenous malformations: patients with, 432
- Telephones, differences in the response times of pages originating from the ICU, 1019
- Temperature, outdoor: See Weather
- Terbutaline, analysis of tracheal sounds during forced exhalation in asthma patients and normal subjects: bronchodilator response effect, 633
- Terminal care, intubation and mechanical ventilation for COPD: development of an instrument to elicit patient preferences, 792

- Thailand, diagnostic value of pleural fluid adenosine deaminase in tuberculous pleuritis with reference to HIV coinfection and a Bayesian analysis, 97
- Thallium 201 myocardial scintigraphy: See Scintigraphy
- Thermal dye dilution, electrical impedance tomography in the assessment of extravascular lung water in non-cardiogenic acute respiratory failure, 1695
- Thermolubation, bias and precision in noninvasive monitoring, 1140
- Thomas L. Petty 41st Annual Aspen Lung Conference: acute lung injury, July Suppl., 1S-127S
- Thomsen-Friedenreich antigen: See Antigens
- Thoracentesis, daily therapeutic, utility of, for the treatment of early empyema, 1703
- evaluation of patient-related and procedure-related factors contributing to pneumothorax following, 134
- modification of pleural fluid pH by local anesthesia, 399
- Thoracic aorta: See Aorta
- Thoracic surgery, thoracoscopy: window to the pleural space, 1409
- video-assisted diagnosis of thoracic spinal tuberculosis, 1471
- video-assisted, non-rib spreading simultaneously stapled lobectomy: a more patient-friendly oncologic resection, 1119
- Thoracoscopy, multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- video-assisted management of pleural empyema, 845
- [video-assisted], window to the pleural space, 1409
- Thoracotomy, chylothorax in children: guidelines for diagnosis and management, 682
- complement activation in coronary artery bypass grafting patients without cardiopulmonary bypass, 892
- multimodality therapy of chest malignancies—update '98, Dec. Suppl., 443S-545S
- emergency, is [it] always the most appropriate immediate intervention for systemic air embolism after lung trauma? 234
- Thorax, bony, effect of lung volume reduction surgery on, in severe COPD, 30
- 393 allele (endothelial cell nitric oxide synthase gene): See Genetics
- Thrombocytopenia, heparin-induced, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- heparin-induced, safety of warfarin anticoagulation in patients with, 1333
- Thromboembolism: See also Pulmonary embolism; high prevalence of detectable deep venous thrombosis in patients with acute pulmonary embolism, 903
- lower extremity venography: still the gold standard, 853
- physician preferences for perioperative anticoagulation in patients with a mechanical heart valve who are undergoing elective noncardiac surgery, 1240
- pulmonary, recent advances in pulmonary imaging, 1388
- right heart, successful treatment of, with IV recombinant tissue-type plasminogen activator during continuous echocardiographic monitoring: a case series report, 78
- venous, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- venous, relationship between polymorphisms in the endothelial cell nitric oxide synthase gene and the platelet GPIIIa gene with myocardial infarction and, in African Americans, 880
- venous, risks vs benefits in total joint surgery, 843, 844
- Thrombolysis, coronary, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- streptokinase for endobronchial blood clots, 587
- successful treatment of right heart thromboemboli with IV recombinant tissue-type plasminogen activator during continuous echocardiographic monitoring: a case series report, 78
- Thrombosis, deep venous, detectable, high prevalence of, in patients with acute pulmonary embolism, 903
- deep venous, outpatient treatment of, 1492, 1493
- deep venous, recurrent, pulmonary hypertension in a 45-year-old woman with, 560
- deep venous, risks vs benefits in total joint surgery, 843, 844
- deep venous, safety of neuraxial anesthesia in patients receiving perioperative low-molecular-weight heparin for thromboprophylaxis, 1843
- deep venous, treatment descriptions are valuable to clinicians, 1492, 1493
- lower extremity venography: still the gold standard, 853
- Thunderstorms: See Weather
- Thymidine kinase gene, HSV: See Herpes simplex virus thymidine kinase gene
- Thymidine phosphorylase, platelet-derived endothelial cell growth factor/thymidine phosphorylase concentrations differ in small cell and non-small cell lung cancer, 206
- Thymoma, malignant, advanced heart block as a manifestation of a paraneoplastic syndrome from, 1135
- Thyrototoxicosis, Graves', pulmonary hypertension caused by: normal pulmonary hemodynamics restored by <sup>131</sup>I treatment, 1483
- Tick-borne pulmonary disease: update on diagnosis and management, 222
- Ticlopidine, delayed traumatic hemothorax on aspirin and, for coronary stent, 257
- Tidal flow-volume analysis, 277, 1377
- Tidal flow-volume loop, 488
- Tidal volume, exacerbation of acute pulmonary edema during assisted mechanical ventilation using a low tidal volume, lung protective ventilator strategy, 1262
- ventilation, low, acute lung injury: 41st Annual Thomas L. Petty Aspen Lung Conference, July Suppl., 1S-127S
- Time, costs and outcomes of prolonged cytomegalovirus prophylaxis to cover the enhanced immunosuppression phase following lung transplantation, 1265
- differences in the response times of pages originating from the ICU, 1019
- downward trends in bronchoscopies performed between 1991 and 1997, 238
- nocturnal efficiency and tolerance of a demand oxygen delivery system in COPD patients with nocturnal hypoxemia, 22
- Tissue injury by surgical incision, 892
- Tissue oxygenation: See Oxygenation
- Tissue-type plasminogen activator, 78, 1292
- recombinant, fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])
- Tobacco: See Smoking
- Tobramycin, use of aerosolized antibiotics in patients with cystic fibrosis, 775
- Tomography, electrical impedance, in the assessment of extravascular lung water in non-cardiogenic acute respiratory failure, 1695
- Tomography, computed, CT-guided agar marking for localization of nonpalpable peripheral pulmonary lesions, 139
- electron beam, lessons learned from studies of the standard exercise ECG test, 1442
- fluoroscopy 1388
- guided agar marking for localization of nonpalpable peripheral pulmonary lesions, 139
- hemoptysis and dyspnea in a 67-year-old man with a normal chest radiograph, 803
- high-resolution, accuracy of the clinical diagnosis of new-onset idiopathic pulmonary fibrosis and other interstitial lung disease: a prospective study, 1168
- high resolution, multi-detector, 1388
- recent advances in pulmonary imaging, 1388
- single-photon emission, lessons learned from studies of the standard exercise ECG test, 1442
- Tomography, positron emission, FDG, 1388
- recent advances in pulmonary imaging, 1388
- Tongue, base, technologic advances in the treatment of obstructive sleep apnea syndrome, 1426
- Tonometry monitoring of tissue perfusion and oxygenation, 1839
- Topoisomerase, is anti-topoisomerase I a serum marker of pulmonary involvement in systemic sclerosis? 715
- Total body irradiation: See Radiotherapy
- TPA (tissue-type plasminogen activator): See Plasminogen

- Trachea: See also Airway; colonization, role of different routes of, in the development of pneumonia in patients receiving mechanical ventilation, 462  
 extubation, noninvasive positive-pressure ventilation facilitates, after laryngotracheal reconstruction in children, 260  
 massive necrosis due to compression by an innominate artery aneurysm, 837  
 percutaneous transtracheal jet ventilation: a fast, quick, and temporary way to provide oxygenation and ventilation when conventional methods are unsuccessful, 1689  
 sounds, analysis of, during forced exhalation in asthma patients and normal subjects: bronchodilator response effect, 633  
 successful management of adenoid cystic carcinoma of the, by laser and irradiation, 269
- Tracheal bronchus, 1125
- Tracheal neoplasms, hemoptysis and dyspnea in a 67-year-old man with a normal chest radiograph, 803
- Tracheal stenosis, manifestations of relapsing polychondritis, 1669
- Tracheobronchial stenosis, 825
- Tracheoesophageal fistula following blunt chest trauma: diagnosis in the ICU—the "breathing bag" sign, 267
- Tracheostomy, percutaneous dilational, kits, 1498  
 percutaneous, is really better—if done correctly, 1138
- Transbronchial needle aspiration biopsy: See Biopsy
- Transfusions: See Blood
- Transplantation: See Bone marrow transplantation; Heart Transplantation; Hematopoietic stem cell transplantation; Lung transplantation
- Transudates: See Exudates and transudates
- Trauma, lung: See Lung injury
- Triamcinolone, acetamide inhalation aerosol, controlled trial of, in the treatment of adult patients with persistent asthma, 1304  
 fluticasone alone or in combination with salmeterol vs, in asthma, 625
- Tricuspid valve: See Heart valves
- Triglycerides, chylothorax in children: guidelines for diagnosis and management, 682
- L-tryptophan, drugs and the pleura, 212
- Tuberculosis, air sampling for, —homage to the lowly guinea pig, 1143, 1144  
 assessing the validity of tuberculin skin test readings by trained professionals and patients, 104  
 bloody pericardial effusion in patients with cardiac tamponade: is the etiology cancerous, tuberculous or iatrogenic in the 1990's? 1564  
 diagnostic value of pleural fluid adenosine deaminase in tuberculous pleuritis with reference to HIV coinfection and a Bayesian analysis, 97  
 effect of hemodialysis on cycloserine, ethionamide, para-aminosalicylate, and clofazimine, 984  
 extrapulmonary, new pulmonary lesions during therapy for, 1794  
 mycotic aneurysms, 1142  
 proinflammatory cytokines and fibrinolytic enzymes in tuberculous and malignant pleural effusions, 1292  
 pulmonary, active, predicting, using an artificial neural network, 968  
 pulmonary, does aging modify [it]? a meta-analytical review, 961  
 pulmonary, significance of the persistent presence of acid-fast bacilli in sputum smears in, 726  
 screening of: is it a real prediction model? 1841  
 searching for, in the pleural space, 3  
 thoracic spinal, video-assisted thoracic surgery diagnosis of, 1471  
 "won't get fooled again" (by tuberculosis), 856
- Tularemia, 222
- Tumor necrosis factor- $\alpha$ , proinflammatory cytokines and fibrinolytic enzymes in tuberculous and malignant pleural effusions, 1292
- Ulcerative colitis: See Colitis, ulcerative
- Ulcers, chronic duodenal, 837  
 penetrating atherosclerotic, of the aorta, 1772
- Ulnar neuropathy, 51-year-old man with fever, bilateral pleural effusions, and, 1105
- Ultrasound, advances in bronchoscopic procedures, 1403  
 guided needle biopsy, repeated, of small subpleural nodules, 1320  
 pulmonary artery catheterization and esophageal Doppler monitoring in the ICU, 1085
- Underdiagnosis: See Diagnosis
- Urban health, asthma in Chicago, Oct. Suppl. 1, 129S-236S
- Urinary tract, clinical host response to microbial infection in medical patients with fever, 380
- Urokinase, management of pleural empyema, 845
- US Food and Drug Administration, off-label use of approved drugs, 589
- US National Cancer Institute, conditional survival among patients with carcinoma of the lung, 697
- Uvulopalatopharyngoplasty, technologic advances in the treatment of obstructive sleep apnea syndrome, 1426
- Vaccination: See Immunization
- Vaccinia virus, treatment of malignant pleural mesothelioma, 504
- Vagus nerve, hydrogen peroxide in the lung parenchyma stimulates vagally mediated phrenic activity, 1365
- Valproic acid, drugs and the pleura, 212
- Valsalva maneuver, diagnosing heart failure by: isn't it finally time? 851  
 is blood pressure response to, related to neurohormones, exercise capacity, and clinical findings in heart failure? 861
- Valvulotomy, percutaneous mitral balloon, successful, bronchial hyperreactivity in patients with mitral stenosis before and after, 1582
- Varon, Joseph, new *CHEST* editorial board members, 9
- Vascular endothelial growth factor in pleural fluid, 760
- Vasculitis, clinical conference on management dilemmas: bullous hand pustules in a patient treated for lung cancer, 549  
 diffuse alveolar hemorrhage and pulmonary capillaritis due to propylthiouracil, 1485  
 eosinophilia in Wegener's granulomatosis: a case report, 1480
- Vasculopathy, cardiac allograft, influence of: lung function and cardiopulmonary exercise performance after heart transplantation, 332
- Vasoconstriction, acute effects of dexfenfluramine on human and porcine pulmonary vascular tone and resistance, 921
- Vasodilators, coronary vasodilation, contrast-induced: effect of contrast media on coronary vascular resistance, 1039  
 do no harm, 1147  
 echocardiographic predictors of an adverse response to a nifedipine trial in primary pulmonary hypertension: diminished left ventricular size and leftward ventricular septal bowing, 1218
- Vasospasm, thoracoscopy: window to the pleural space, 1409
- VATS (video-assisted thoracoscopic surgery): See Thoracoscopy
- Vena cava, multimodality treatment of malignant superior vena caval syndrome, 835
- Venography, high prevalence of detectable deep venous thrombosis in patients with acute pulmonary embolism, 903  
 lower extremity: still the gold standard, 853
- Venous pressure, central: See Central venous pressure
- Venous thromboembolism: See Thromboembolism
- Venous thrombosis: See Thrombosis
- Ventilation, acute paraquat intoxication: using nuclear pulmonary studies to predict patient outcome, 709  
 excessive exercise, exercise-induced rise in arterial potassium in patients with chronic heart failure: relation to, 88  
 high-frequency percussive, improves oxygenation in patients with ARDS, 440  
 tidal flow-volume analysis of, during exercise: a useful approach for diagnosing the mechanism of ventilatory limitation to exercise during cardiopulmonary exercise testing, 277
- Ventilation, mechanical: See Respiration, artificial
- Ventilation/perfusion, 709, 853, 1325, 1388
- Ventilator weaning, four-year experience with a unit for long-term ventilation (respiratory special care unit) at the Cleveland Clinic Foundation, 447  
 lack of influence of gender on outcomes of mechanically ventilated medical ICU patients, 732

- predicting 3-day and 7-day outcomes of, 456  
 wean from the tube not necessarily from the ventilator, 1498
- Ventilatory limitation, emerging concepts in the evaluation of, during exercise: the exercise tidal flow-volume loop, 488
- Ventricle, left, abnormality of sympathetic nervous function assessed by  $^{123}\text{I}$ -metaiodobenzylguanidine imaging in patients with chronic obstructive pulmonary disease, 1575
- determinants of aortic pressure variation during positive-pressure ventilation in man, 176
- diagnosing heart failure by the Valsalva maneuver: isn't it finally time? 851
- diminished size and leftward ventricular septal bowing: echocardiographic predictors of an adverse response to a nifedipine trial in primary pulmonary hypertension, 1218
- dysfunction, factors associated with health indicators in patients undergoing coronary artery bypass surgery, 1570
- ejection fraction, mechanism of overshoot in cardiac function during recovery from submaximal exercise in man, 868
- filling pressure, noninvasive estimation of pulmonary artery diastolic pressure in patients with tricuspid regurgitation by Doppler echocardiography, 73
- filling pressure, noninvasive estimation of right-sided pressures from spectral Doppler recordings of tricuspid and pulmonic regurgitant velocities, 1
- kinetics of oxygen uptake and heart rate in patients with coronary artery disease and heart failure, 808
- myocardial bridging as a cause of acute transient left heart dysfunction, 574
- persistent preload defect in severe sepsis despite fluid loading, 1354
- pulmonary artery catheterization and esophageal Doppler monitoring in the ICU, 1085
- Ventricle, right, noninvasive estimation of pulmonary artery diastolic pressure in patients with tricuspid regurgitation by Doppler echocardiography, 73
- noninvasive estimation of right-sided pressures from spectral Doppler recordings of tricuspid and pulmonic regurgitant velocities, 1
- performance, dobutamine in severe scorpion envenomation: effects on standard hemodynamics, tissue oxygenation, and, 748
- pulmonary artery catheterization and esophageal Doppler monitoring in the ICU, 1085
- successful treatment of right heart thromboemboli with IV recombinant tissue-type plasminogen activator during continuous echocardiographic monitoring: a case series report, 78
- Ventricular repolarization, effects of aerobic exercise training on indices of, in patients with chronic heart failure, 83
- Video-assisted thoracoscopic surgery (VATS): See Thoracoscopy
- Visual analogue scales, 1208
- Vital capacity, forced, office spirometry: does poor quality render it impractical? 276
- small airways obstruction syndrome, 231
- Vocal cord dysfunction in patients with exertional dyspnea, 1676
- Volumetric capnography: See Capnography
- Warfarin, anticoagulation, safety of, in patients with heparin-induced thrombocytopenia, 1333
- fifth ACCP consensus conference on antithrombotic therapy (1998): summary recommendations (adapted from *CHEST* 1998; 114(suppl):439S-769S [Oct. Insert])  
 risks vs benefits in total joint surgery, 843, 844
- Weaning from ventilators: See Ventilator weaning
- Weather, atmospheric pressure changes and outdoor temperature changes in relation to spontaneous pneumothorax, 676
- Wegener's granulomatosis,  $\alpha_1$ -antitrypsin-deficiency emphysema and: proteinase-related diseases, 253
- eosinophilia in: a case report, 1480
- Weight, gain after lung volume reduction surgery is not correlated with improvement in pulmonary mechanics, 1601
- physical development of surgically treated patients with primary spontaneous pneumothorax, 899
- Wheezing, comparison of lung function in infants exposed to maternal smoking and in infants with a family history of asthma, 52
- 27-year-old woman with cough, dyspnea, and, 557
- White matter lesions, 150
- Wit and humor, draft oxygen, 589
- Women, factors associated with health indicators in patients undergoing coronary artery bypass surgery, 1570
- hormone replacement therapy: a possible risk factor in carriers of familial primary pulmonary hypertension, 847
- incidence of acute pulmonary embolism in a general hospital: relation to age, sex, and race, 909
- lack of influence of gender on outcomes of mechanically ventilated medical ICU patients, 732
- spontaneous dissection of three major coronary arteries subsequent to cystic medial necrosis, 1473
- Work of breathing, advances in respiratory monitoring during mechanical ventilation, 1416
- Workplace exposures: See Occupational and environmental lung disease; Occupational exposure
- Writing: See Authors
- Xinafoic acid, is not a solvent for salmeterol, 1138
- Yellow nail disease, bronchiectasis in systemic diseases, 1063
- Zafirlukast, Churg-Strauss syndrome and, 266